3•2•1 GSX

DVD HOME ENTERTAINMENT SYSTEM

Owner's Guide

Guía de usario

Notice d'utilitsation

SAFETY INFORMATION

Please read this owner's guide

Please take the time to follow this owner's guide carefully. It will help you set up and operate your system properly, and enjoy all of its advanced features. Save your owner's guide for future reference.

⚠ ***WARNING:*** *To reduce the risk of fire or electric shock, do not expose the system to rain or moisture.*

⚠ ***WARNING:*** *This apparatus shall not be exposed to dripping or splashing, and objects filled with liquids, such as vases, shall not be placed on the apparatus. As with any electronic products, use care not to spill liquids in any part of the system. Liquids can cause a failure and/or a fire hazard.*

CAUTION
RISK OF ELECTRICAL SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED PERSONNEL.

AVIS
RISQUE DE CHOC ÉLECTRIQUE
NE PAS OUVRIR
ATTENTION : POUR RÉDUIRE LE RISQUE DE DÉCHARGE
ÉLECTRIQUE, NE RETIREZ PAS LE COUVERCLE (OU
L'ARRIÈRE). IL NE SE TROUVE À L'INTÉRIEUR AUCUNE
PIÈCE POUVANT ÊTRE RÉPARÉE PAR L'USAGER.
S'ADRESSER À UN RÉPARATEUR COMPÉTENT.

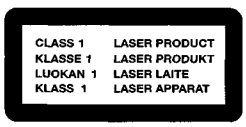
The CAUTION marks shown here are located on the bottom of your 3•2•1 *GSX* home entertainment system media center and the rear panel of the Acoustimass module:

The lightning flash with arrowhead symbol, within an equilateral triangle, alerts the user to the presence of uninsulated dangerous voltage within the system enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle alerts the user to the presence of important operating and maintenance instructions in this owner's guide.

⚠ ***CAUTION:*** *To prevent electric shock, match wide blade of plug to wide slot, insert fully.*

⚠ ***CAUTION:*** *No naked flame sources, such as lighted candles, should be placed on the apparatus.*



Class 1 laser product

The DVD player within the media center is classified as a CLASS 1 LASER PRODUCT according to EN60825-1:1994 + A1+A2, IEC60825-1:1993+A1+A2.

⚠ ***CAUTION:*** *Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. The DVD player should not be adjusted or repaired by anyone except properly qualified service personnel.*

Class B emissions limits

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Batteries

Please dispose of used batteries properly, following any local regulations. Do not incinerate.

Additional safety information

See the additional instructions on the *Important Safety Information* sheet enclosed in the shipping carton.

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The distinctive design of the 3•2•1 media center is also a registered trademark of Bose Corporation.

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MPEG Layer-3 audio compression technology licensed by Fraunhofer IIS and THOMSON multimedia.

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English | Español | Français

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INTRODUCTION

Before you begin

Thank you for purchasing the 3•2•1 *GSX* DVD home entertainment system, which offers superb sound, elegance, and simplicity in an advanced home audio setup. Using Bose® proprietary signal processing technology, the 3•2•1 *GSX* system provides improved spaciousness from stereo recordings, and bold movie effects from surround-encoded materials. Yet its few parts require little effort to set up, so you can enjoy your new system's performance right away.

The following items are included to help you set up your system:

- Quick Setup Guide
- Detailed setup instructions in Setup section of this guide
- Setup DVD

System features

- Integrated AM/FM tuner and DVD/CD player in a small media center
- uMusic™ intelligent playback system for storing and playing your favorite songs
- Small, easy-to-place shelf speakers and an attractive hideaway Acoustimass® module
- Easy-to-use universal infrared remote control
- Media center input jacks for a TV, cable/satellite box or other component such as a DVR

Introducing the uMusic™ intelligent playback system

Your 3•2•1 *GSX* DVD home entertainment system includes the new uMusic intelligent playback system – a breakthrough Bose technology that makes it possible to store and enjoy your CD collection.

What can you do with this system?

- Store your favorite CDs in a music library. Your system can store approximately 200 hours of music or about 200 CDs.
- Teach the system which tracks your like or dislike, conditioning the system to automatically play the music you want to hear most.
- Discover many ways to enjoy your music.

Checking for region code compatibility

For a DVD player and DVD disc to be compatible, their region code numbers must match. These numbers are allocated according to where the player and disc are sold. The 3•2•1 *GSX* DVD home entertainment systems have a region code which must also match the DVD discs.

Check the region code number on the carton of the 3•2•1 *GSX* DVD home entertainment system or on the bottom of the media center that comes in the carton. Then be sure to choose only DVD discs that show the same region number on the disc label or front cover.

For example, a Region 1 DVD disc should display the following mark:

Selecting compatible discs

The DVD/CD player built into the 3•2•1 *GSX* media center can play the following types of discs identified by their corresponding logos:

- Video DVD
- Audio CD
- Video CD
- CD-R and CD-R/W
- DVD+R, DVD-R, DVD+RW and DVD-RW
- MP3 CDs, where
  - All tracks were burned in a single closed session
  - The disc format is ISO9660
  - Each file has a ".mp3" extension and the filename contains no other periods
- SACDs (CD-compatible content only)

Note: *Regarding copy protection – Music and other content may be protected by international and domestic copyright laws and may contain specific restrictions on use and/or reproduction. Please respect the rights of the artists and other copyright holders.*

Glossary of terms

Aspect Ratio – The shape of the rectangular picture in a TV set. It is the width of the picture relative to the height. Our standard TV picture, in terminology used by that industry, is 4 units wide by 3 units high, or 4:3 (read as 4 by 3) in aspect ratio. There are currently two standard TV aspect ratios, 4:3 and 16:9.

Chapter – In DVD-Video, a division of a title.

Component Video – A video signal split into three parts: luminance and two color signals (marked as YPbPr). It provides the highest level of video quality.

Composite Video – A single video signal that contains luminance, color, and synchronization information. NTSC and PAL are examples of composite video systems.

Dolby Laboratories – Developer of a perceptual coding system for audio.

Dolby Digital – A type of multi-channel surround sound format used on discs.

DTS – A type of multi-channel surround sound format used on discs.

DVD – An acronym that is most commonly known to mean Digital Video Disc or Digital Versatile Disc. The audio/video/data storage system based on 12- and 8-cm optical discs.

DVD Video – A standard for storing and reproducing audio and video on DVD-ROM discs, based on MPEG video, Dolby Digital and MPEG audio, and other proprietary data formats.

Gracenote – Music recognition technology and related data provided as part of the service contracted by Bose.

IR – An acronym for infrared. Pertains to the type of remote that sends/receives commands on an infrared light beam.

MPEG – A type of data compression used for audio or video storage on disc.

MP3 – MPEG-1 Layer III audio. This is a compressed audio format that allows you to record many hours of music on a single CD.

NTSC – An acronym for National Television System Committee. The organization that developed both the American Black & White and Color television systems.

PAL – An acronym for Phase Alternate Line. A television format used extensively in Western Europe.

Progressive Scan – A video format which displays all lines of the picture frame in a single pass, and refreshes the TV image 30x/sec. Not compatible with all video displays.

PVR – An abbreviation for Personal Video Recording. Sometimes used interchangeably with DVR for Digital Video Recording, but may include non-digital technology, as used in VCRs.

RDS – A system that displays radio broadcast station and programming information.This feature is available on European systems only.

SACD – An abbreviation for Super Audio Compact Disc, used for high-resolution digital audio storage on CD-sized discs. New Bose® 3•2•1 *GSX* systems play the CD-compatible portion of such discs, identified by the CD disc logo on the front of the disc.

SCART – A type of jack commonly found on consumer electronics products manufactured for use in Western Europe.

S-video – A video interface standard that carries separate luminance and chrominance signals, usually on a four-pin mini-DIN connector. Also called Y/C. The quality of S-video is significantly better than composite video since it does not require a comb filter to separate the signals. Most high-end televisions have S-video inputs.

uMusic™ intelligent playback system – A revolutionary Bose play mode, which performs like a virtual DJ by noting listener preferences and playing suitable stored CD tracks in response.

Videostage® 5 – Bose proprietary Videostage 5 decoding circuitry gives you a five-channel surround sound experience from everything you listen to – VHS tapes, stereo CDs, even mono TV programs.

Limited warranty

Your 3•2•1 *GSX* DVD home entertainment system is covered by a limited transferable warranty. Details of the limited warranty are provided on the product registration card that came with your system. Please fill out the information section on the card and mail it to Bose. Failure to do so will not affect your limited warranty rights.

SYSTEM SETUP

Unpacking

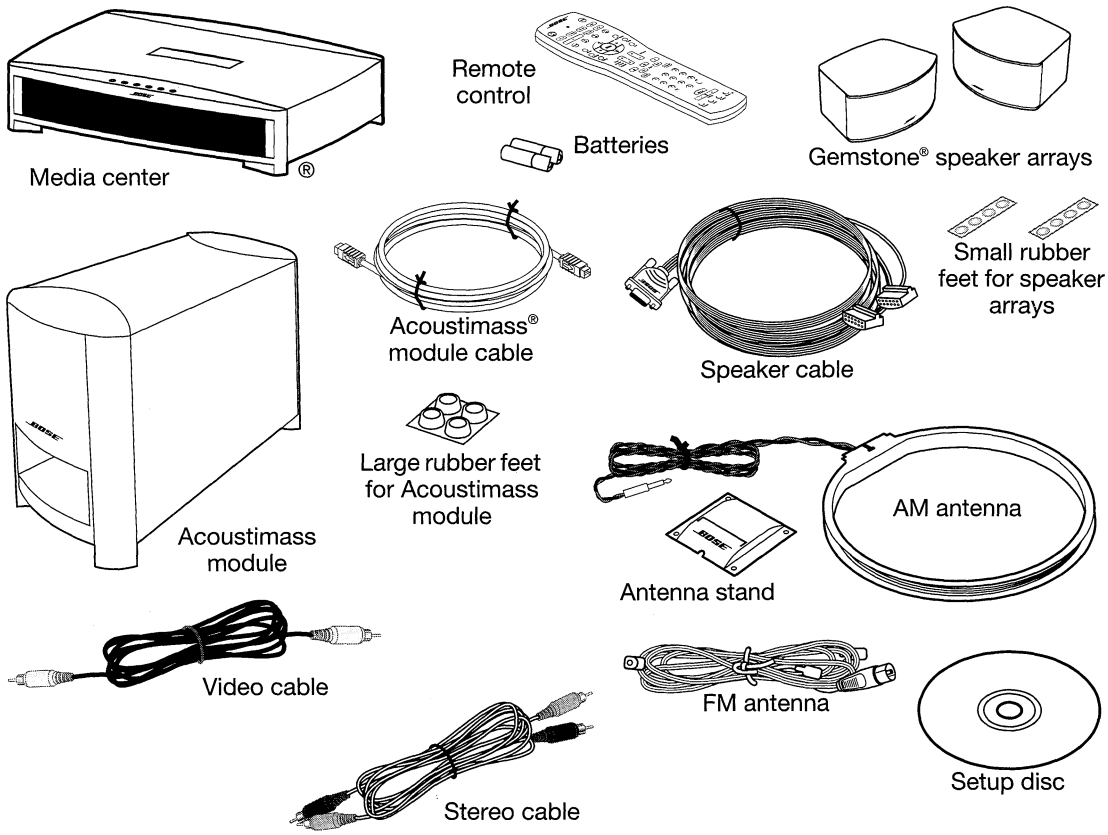
Carefully unpack your system. Save all packing materials, which provide the safest way to transport your system. Check to be sure your system includes the parts shown in Figure 1.

If any part of the system appears damaged, do not attempt to use it. Notify Bose or your authorized Bose® dealer immediately. For Bose contact information, refer to the address sheet included in the carton.

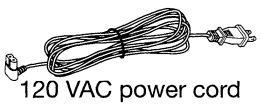
⚠ ***WARNING:*** *To avoid danger of suffocation, keep the plastic bags out of the reach of children.*

Figure 1

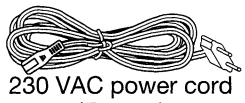
Contents of the shipping carton



Your system includes one of the following cords:


120 VAC power cord (US/Canada)

115/230 VAC power cord with adapter (US/Europe)


230 VAC power cord (Europe)

230 VAC power cord (UK/Singapore)

240 VAC power cord (Australia)

For your records

Now is a good time to find the serial numbers on the bottom of the media center and on the rear of the Acoustimass® module. Please record them here and on your Product Registration Card. You will need to have them ready if you ever need to contact Bose® Customer Service.

Media center serial number: _____

Acoustimass module serial number: _____

Dealer name: _____

Dealer phone: _____ Purchase date: _____

We suggest you keep your sales receipt and product registration together with this owner's guide.

Selecting locations for your 3•2•1 GSX system components

Use the following guidelines and Figure 2 to choose locations and positions for the components of your 3•2•1 *GSX* home entertainment system.

♪ ***Note:*** *While these guidelines are offered to help provide great system performance, you may find other placement choices that are more convenient and provide the sound you enjoy.*

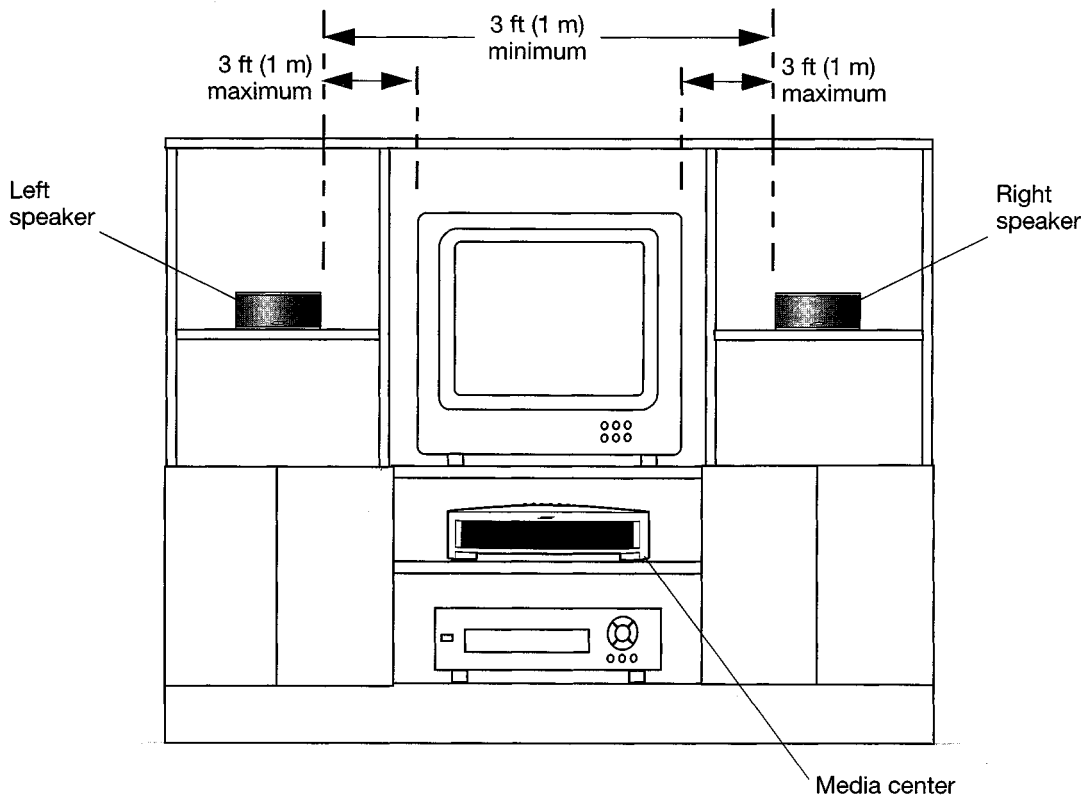
Positioning the media center

⚠ ***CAUTION:*** *Do not block any ventilation openings. For reliable operation of the product and to protect it from overheating, put the product in a position and location that will not interfere with its proper ventilation. For example, do not place the product on a bed, sofa, or similar surface that may block the ventilation openings. Do not put it in a built-in system, such as a bookcase or cabinet that may keep air from flowing through its ventilation openings.*

- Place the media center where nothing obstructs opening the disc tray on its front panel.
- Position the media center close enough to the Acoustimass® module and the speakers so that all the cables will reach.
- Make sure the media center is close enough to additional source devices (TV, VCR or cable box) so that all the cables will reach.
- Make sure that the front of the media center is unobstructed so that it may receive IR (infrared) commands from the remote control.

Figure 2

Sample media center and speaker placement



♪ ***Note:*** *The left and right speakers are magnetically shielded to prevent interference with your TV screen.*

Positioning the speakers

Choosing a good location for the speakers will allow you to experience the audio surround effects that your 3•2•1 *GSX* home entertainment system is designed to deliver.

- Place the left and right speakers at least **3 feet (1 meter) apart from each other** to optimize the surround sound experience (Figure 3).
- Place each speaker **within 3 feet (1 meter) of the edge of the TV screen.** Placing the speakers more than 3 feet away from the TV can cause the sound to become separated from the picture.
- If you are using a bookshelf or a home entertainment unit, place each speaker at the **front edge** of its shelf. Positioning the speakers too far back in an enclosed space can change the overall quality of sound and alter the movie sound effects.

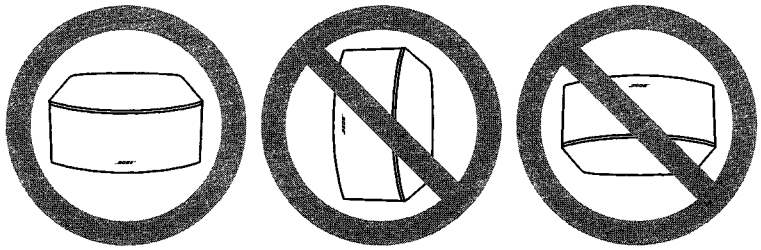
⚠ ***CAUTION:*** *Choose a stable and level surface for both speakers. Vibration can cause the speakers to move, particularly on smooth surfaces like marble, glass, or highly polished wood. If you are placing the speakers on a flat surface, be sure to attach one set of the small rubber feet to the bottom surface of each speaker. You can obtain additional rubber feet (PN 178321) from Bose® Customer Service. To contact Bose, refer to the list of offices included in the product carton.*

♪ ***Note:*** *The speakers can be mounted on Bose brackets, table stands, or floor stands. For ordering information, refer to "Accessories" on page 65. Additional or longer cables may also be ordered.*

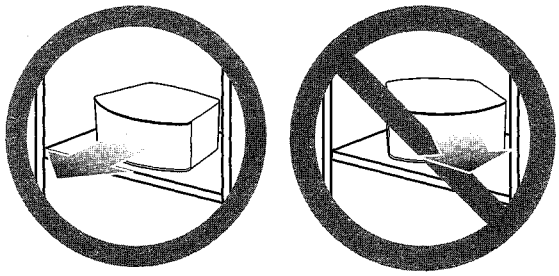
Figure 3

Recommended speaker placement

- Set the speakers on their bottom surfaces, only, with the Bose logo right-side up.



- Aim the speakers straight ahead into the listening area. Do not place the speakers at an angle. **Angling one or both speakers into or away from the listening area significantly alters system performance.**

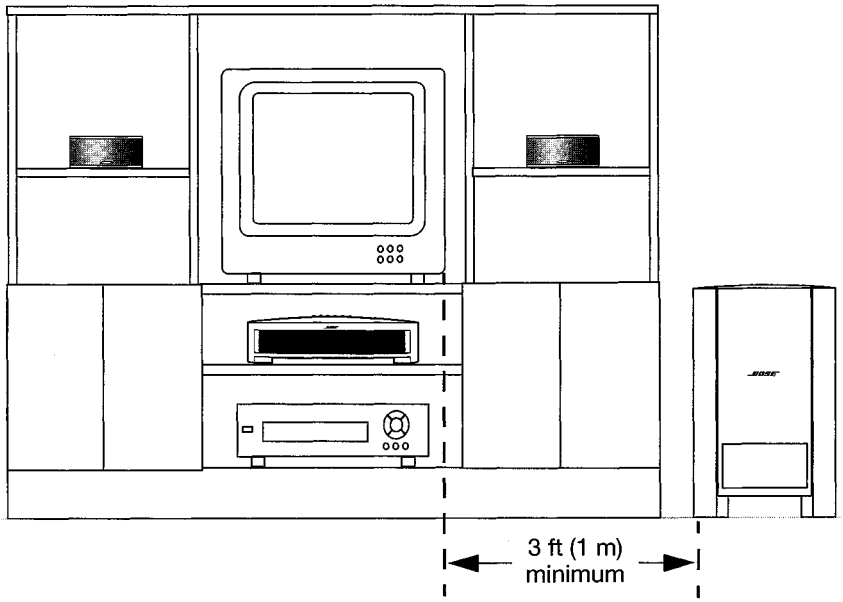


Positioning the Acoustimass® module

- Place the module at the same end of the room as the TV and the speakers (Figure 4).
- Keep the module at least 3 feet (1 meter) away from the TV to prevent the module from interfering with the TV screen.
- Place the Acoustimass module within reach of the cable from the music center and an AC (mains) power outlet.
- Choose a convenient location such as under a table, behind a sofa or chair, or behind drapes, but do not block the port opening.

Figure 4

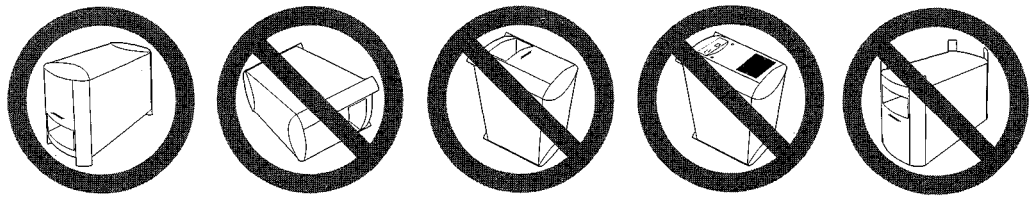
Recommended Acoustimass module placement



- Attach the large rubber feet to the bottom of each foot on the module. The rubber feet provide increased stability and protection from scratches.
- Aim the port of the module into the room or along the wall. This prevents a blocked port or over-powering bass.
- Stand the Acoustimass module on its feet. Do not lay it on its side or stand it on either end (Figure 5).

Figure 5

Recommended orientation of the module



⚠ ***CAUTION:*** *Do not block the openings on the back of the module, which provide ventilation for the built-in circuitry.*

⚠ ***CAUTION:*** *The Acoustimass module generates a magnetic field. Although this is not an immediate risk to your video tapes, audio tapes, and other magnetic media, you should not store any of these items directly on or near the module.*

Making system connections

⚠ ***CAUTION:*** *Do not plug the Acoustimass® module into an AC power (mains) outlet until all the components are connected.*

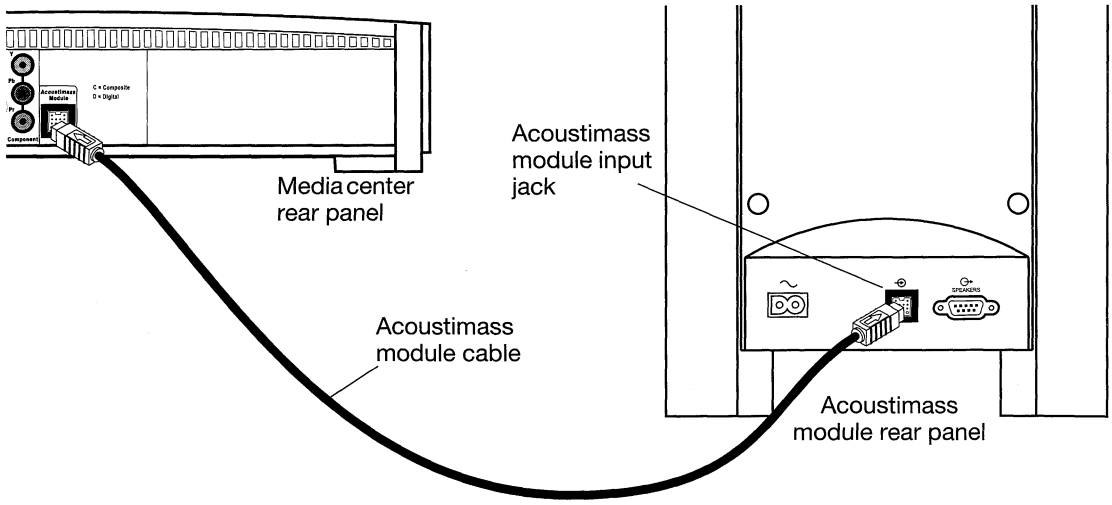
Connecting the Acoustimass module to the media center

Plug one end of the Acoustimass module cable into the **Acoustimass Module** jack on the rear of the media center (Figure 6). Plug the other end of the cable into the input (⊖) jack on the rear of the Acoustimass module.

♪ ***Note:*** *The jacks for the Acoustimass module cable are keyed so that the cable connectors only plug in one way. Make sure that the arrow on the connector body faces up when plugging in the cable.*

Figure 6

Acoustimass module-to-media center connection

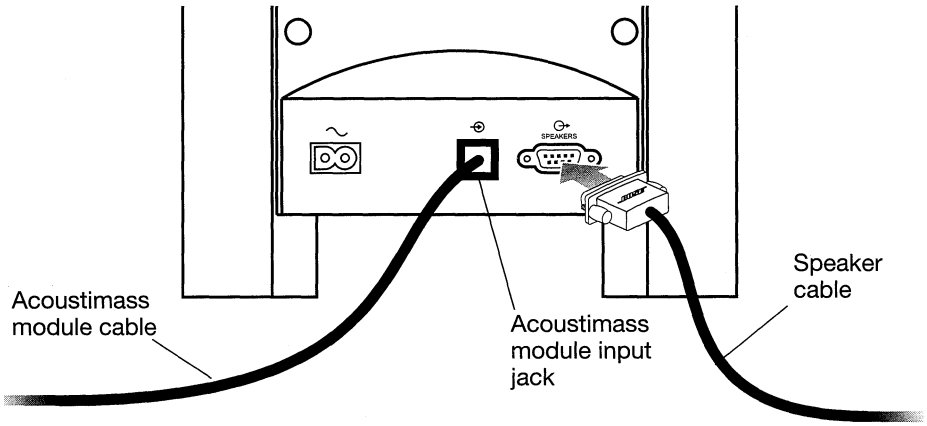


Connecting the speakers to the Acoustimass module

1. Insert the single-plug end of the speaker cable into the **SPEAKERS** jack on the rear panel of the Acoustimass module (Figure 7). Tighten both screws on the plug.

Figure 7

Speaker cable-to-Acoustimass module connection

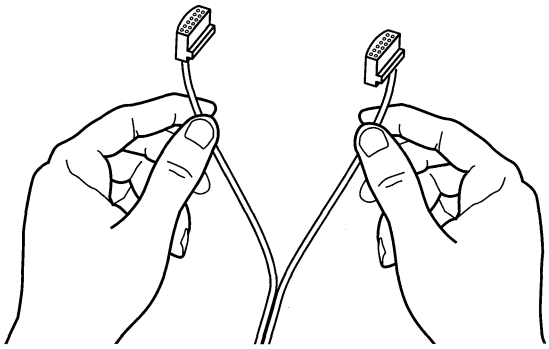


♪ ***Note:*** *If additional audio cables or longer cables are needed to make these connections, contact Bose Customer Service. Refer to the list of offices included in the product carton.*

2. At the other end of the speaker cable, separate the left and right speaker cords as much as necessary to reach each speaker (Figure 8).

Figure 8

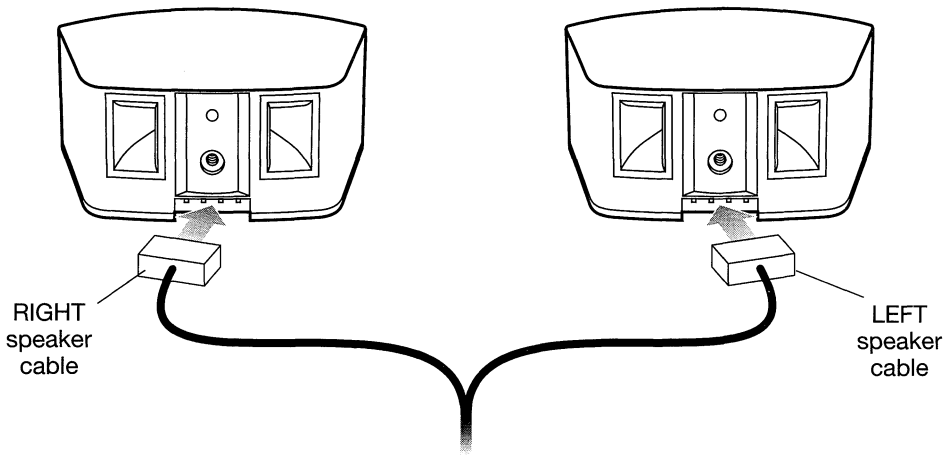
Separating left and right speaker cords



3. Plug the **LEFT** speaker cable into the rear jack of the left speaker (Figure 9). Plug the **RIGHT** speaker cable into the rear jack on the right speaker.

Figure 9

Left and right speaker connections



♪ ***Note:*** *Make sure cable connectors are fully inserted and seated firmly in the speaker jacks.*

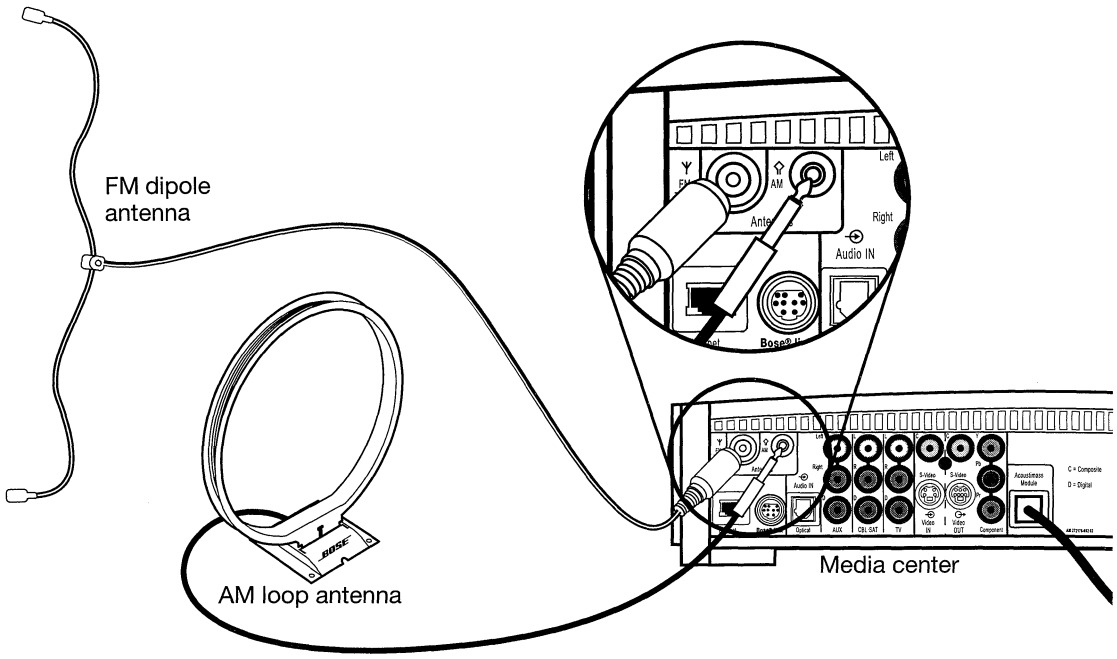
Connecting the supplied antennas

The rear panel of the media center provides jacks for the AM and FM antennas included with your system (Figure 10). Unwind the wires for each antenna to provide the best reception.

♪ ***Note:*** *An outdoor antenna may be used in place of the supplied indoor antennas. To add an outdoor antenna, consult a qualified installer. Follow all safety instructions supplied with the antenna.*

Figure 10

Antenna connections



FM antenna

Plug the FM antenna into the **FM** jack on the media center rear panel. Spread out the antenna arms and move them around to establish optimum FM reception. Extend the antenna as far from the media center and other equipment as possible.

AM antenna

Plug the AM loop antenna into the **AM** jack on the media center rear panel. Place the antenna loop at least 20 inches (50 centimeters) away from the media center and at least 4 feet (1.2 meters) away from the Acoustimass® module. Experiment with positioning the loop for optimum AM reception. Follow the instructions enclosed with the AM loop antenna to stand it on the supplied base, or mount it to a wall.

Connecting cable FM radio

Some cable TV providers make FM radio signals available through the cable service to your home. This connection is made to the external FM jack on the back panel of the media center. To connect to this service, contact your cable TV provider for assistance.

♪ ***Note:*** *Make sure that the cable radio installation includes a TV/FM splitter so that only the FM radio band, not the cable TV band, is received by the media center. If necessary, contact your cable company.*

Connecting your TV to the media center

If you want to use the 3•2•1 *GSX* system with both a TV and a VCR, skip this section and go to "Connecting your TV and VCR to the media center" on page 16.

Making audio connections

♪ ***Note:*** *If your TV does not have audio output jacks, see "Option B: TV (NO audio output jacks) + VCR + media center" on page 17. Otherwise, continue.*

1. Connect one end of the supplied stereo cable to the **TV Audio IN** jacks on the rear panel of the media center (Figure 11). Insert the white RCA plug into the **TV** white **L** jack. Insert the red RCA plug into the **TV** red **R** jack.
2. Connect the other end of the stereo cable to the audio output jacks on your TV. Insert the white RCA plug into the white **AUDIO OUT L** jack. Insert the red RCA plug into the red **AUDIO OUT R** jack.

Making composite video connections

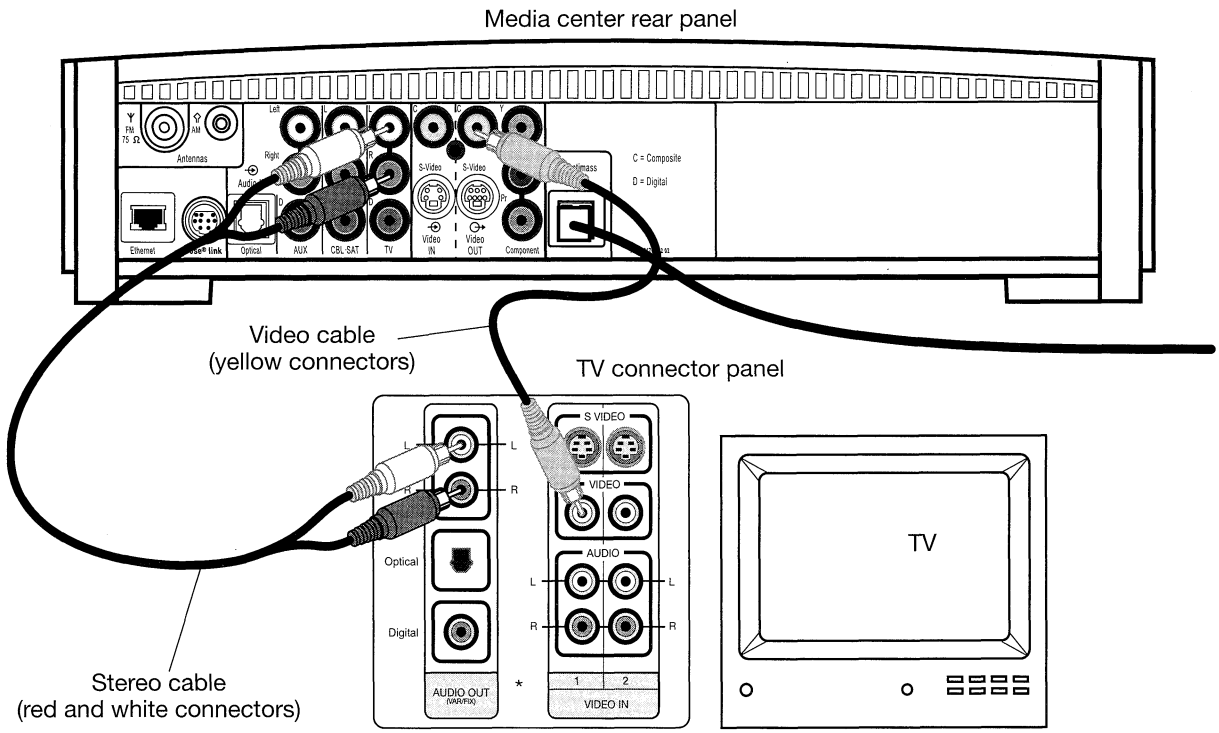
♪ ***Note:*** *Some older TVs with standard TV cable connectors do not have a composite video or an S-video input. Such TVs are not compatible with any DVD players and require use of an RF modulator for this connection. RF modulators are available at your local electronics store.*

1. Insert one end of the supplied video cable (yellow) to the **Video OUT C** (composite) jack on the back of the media center (Figure 11).
2. Insert the other end of the video cable into one of the video input jacks on your TV.

Figure 11

TV (composite video)-to-media center connections

Write the name of the video input jack used on your TV in the box on page 25. After you turn the system on, you will need to select this video input on your TV in order to view the 3•2•1 *GSX* system video output.



Connecting your TV and VCR to the media center

There are two options for connecting your TV and VCR to the media center.

- **Option A:** TV with audio output jacks+VCR
- **Option B:** TV *without* audio output jacks+VCR

Before proceeding, check your TV for audio output jacks.

Option A: TV (with audio output jacks) + VCR + media center

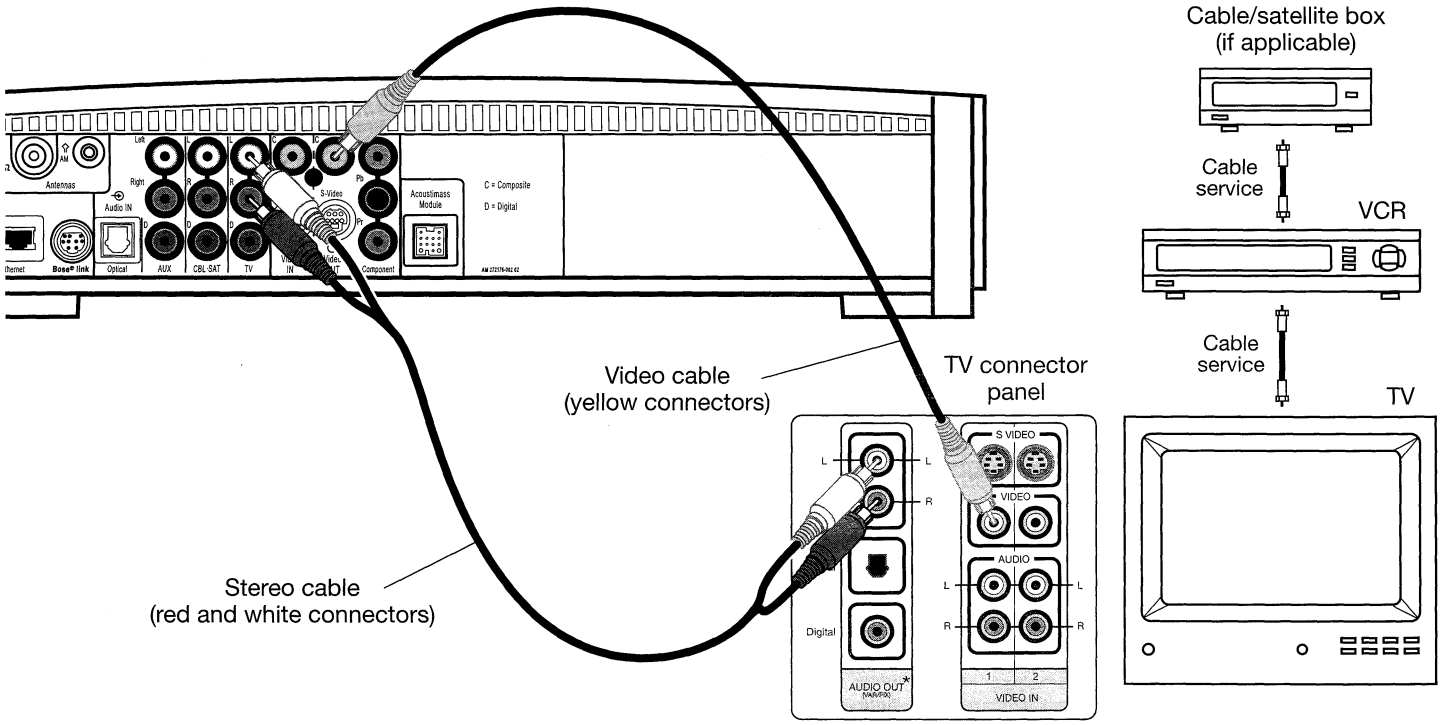
If your TV has audio output jacks, you can directly route the TV audio to the 3•2•1 *GSX* home entertainment system (Figure 12).

1. Connect one end of the supplied stereo cable to the **TV Audio IN** jacks on the rear panel of the media center. Insert the white RCA plug into the **TV** white **L** jack. Insert the red RCA plug into the **TV** red **R** jack.
2. Connect the other end of the stereo cable to the audio output jacks on your TV. Insert the white RCA plug into the white **AUDIO OUT L** jack. Insert the red RCA plug into the red **AUDIO OUT R** jack.
3. Insert one end of the supplied video cable (yellow) to the **Video OUT C** (composite) jack on the back of the media center. Insert the other end of the video cable into one of the video input jacks on your TV.

Figure 12

Option A connections

Write the name of the video input jack used on your TV in the box on page 25. After you turn the system on, you will need to select this video input on your TV in order to view the 3•2•1 *GSX* system video output.



Option B: TV (NO audio output jacks) + VCR + media center

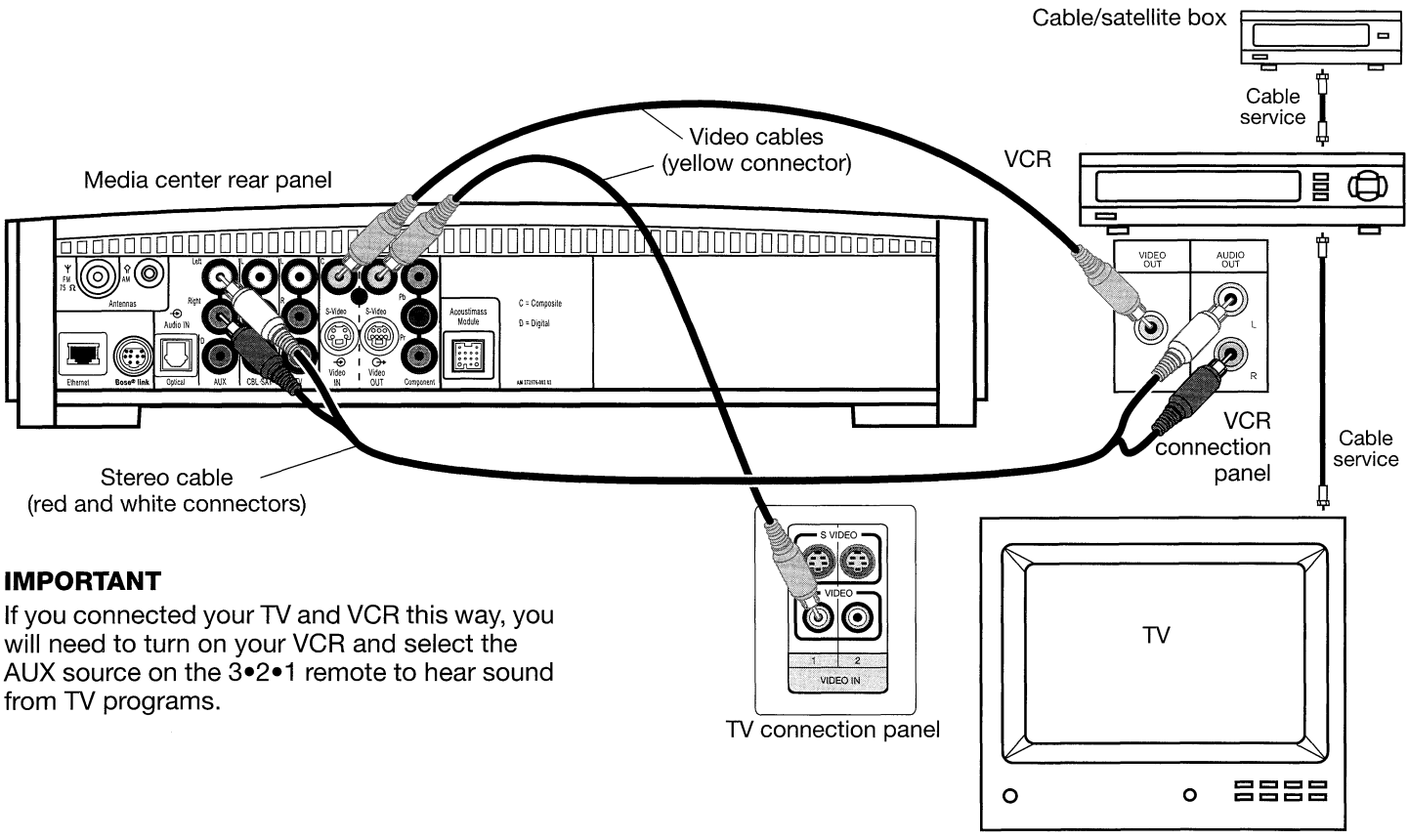
If your TV does not have audio output jacks, you will need to feed audio to the 3•2•1 *GSX* home entertainment system through a secondary source, such as a VCR. To do this, you will need one additional video cable, which can be purchased at your local electronics store.

1. Connect one end of the supplied stereo cable to the **AUX Audio IN** jacks on the rear panel of the media center (Figure 13). Insert the white RCA plug into the **AUX** white **L** jack. Insert the red RCA plug into the **AUX** red **R** jack.
2. Connect the other end of the stereo cable to the **AUDIO OUT** jacks on your VCR. Insert the white RCA plug into the white **AUDIO OUT L** jack. Insert the red RCA plug into the red **AUDIO OUT R** jack.
3. Insert one end of the supplied video cable (yellow) into the **VIDEO OUT** jack on the back of your VCR. Insert the other end of the cable into the **Video IN C** (composite) jack on the back of the media center.
4. Insert one end of the second video cable (yellow) into the **Video OUT C** (composite) jack on the back of the media center. Insert the other end of the cable into one of the video input jacks on your TV.

Figure 13

Option B connections

Write the name of the video input jack used on your TV in the box on page 25. After you turn the system on, you will need to select this video input on your TV in order to view the 3•2•1 *GSX* system video output.



IMPORTANT

If you connected your TV and VCR this way, you will need to turn on your VCR and select the AUX source on the 3•2•1 remote to hear sound from TV programs.

VCR considerations

- Some combination TV/VCR units may not work with 3•2•1 *GSX* home entertainment systems. Please refer to your TV/VCR owner's manual for information.
- A stereo VCR is required for optimal sound performance. If your VCR has only one audio output, you have a mono VCR. You will need a Y-adapter cable (available at electronics stores) to connect audio to the media center. For this setup, you will need to select "Mono decoding" (see "TV, CBL-SAT, and AUX settings menu" on page 52) so your 3•2•1 *GSX* system will simulate surround sound effects from a mono source. Otherwise, you will hear mono sound from both speakers.

Advanced setup options

The 3•2•1 *GSX* home entertainment system provides connections for producing higher quality video and audio. The following describes how to use these connections.

Making S-video connections (higher quality video)

An S-video input jack, provided on many TVs, delivers a higher quality TV picture than the composite video output connection shown in Figure 11. For this connection you will need an S-video cable which can be purchased from your Bose dealer or a local electronics retailer.

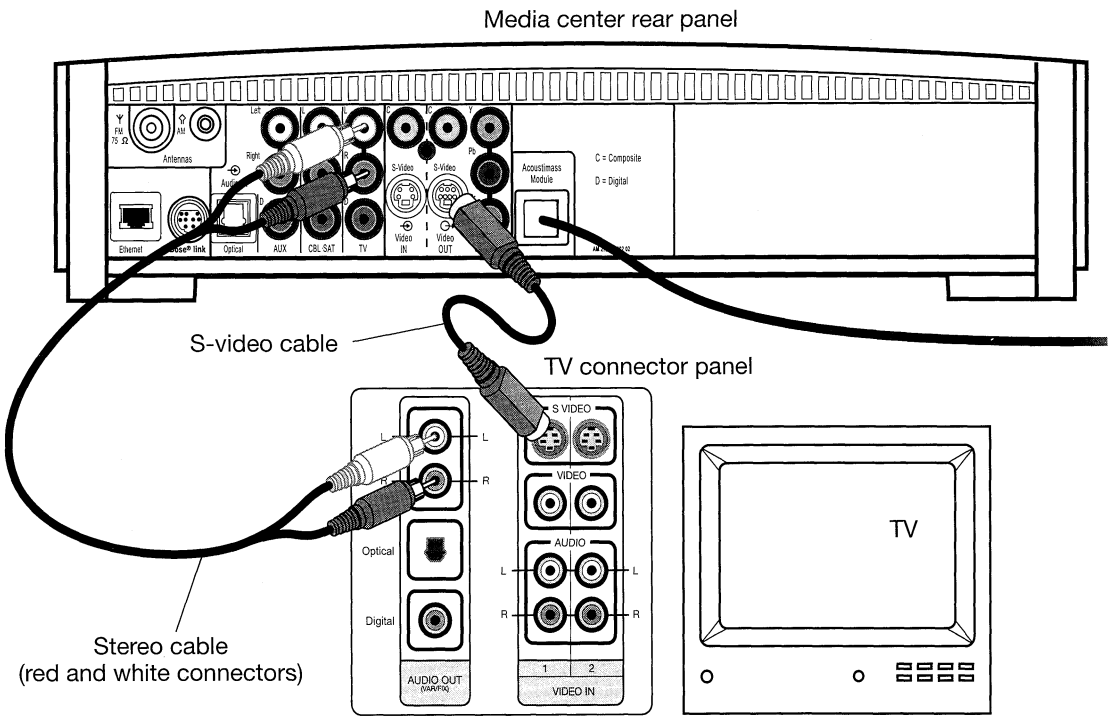
1. Insert one end of the S-video cable into the **S-Video OUT** jack on the media center (Figure 14).
2. Insert the other end of the S-video cable into the **S-VIDEO IN** jack on your TV.

Figure 14

TV (S-video)-to-media center connections

IMPORTANT

If you use S-video to connect your TV to the media center, you must also use S-video to connect all other devices (such as a cable box and VCR) to the media center.



Making component video connections (highest quality video)

♪ ***Note:*** *Component video connections are required in order to use the progressive scan (NTSC only) feature of your 3•2•1 GSX system. Your TV must also support this feature. To turn on the progressive scan feature, see "Video options" on page 59.*

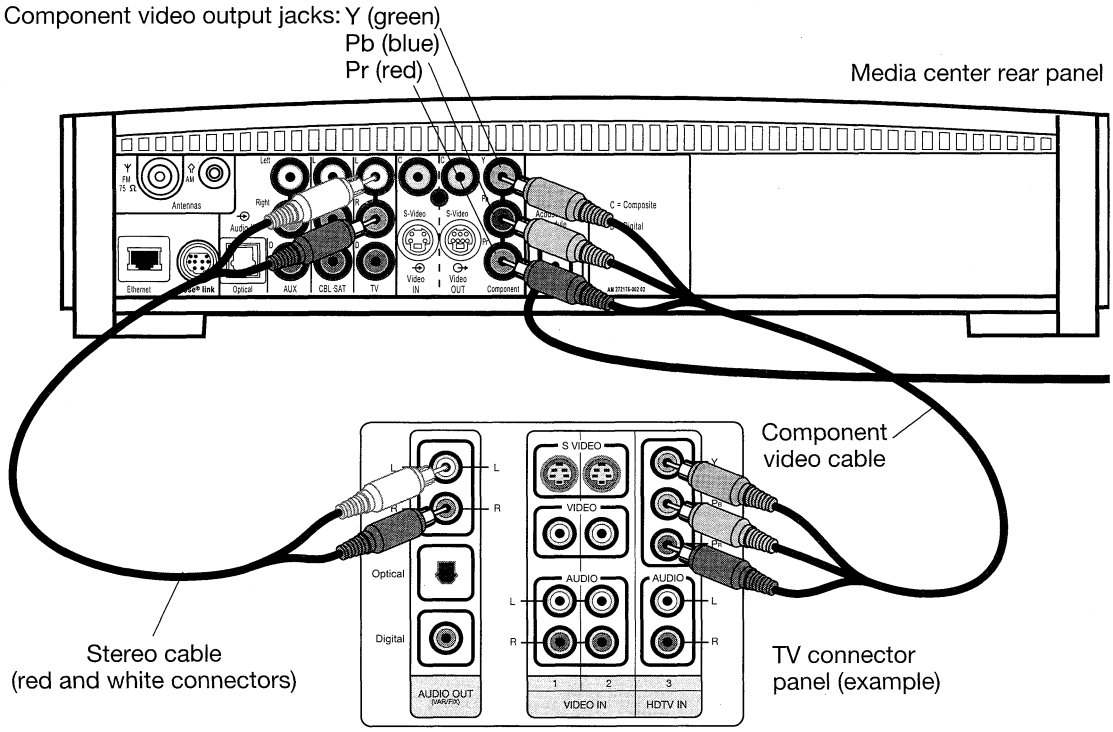
For the highest quality video from DVDs, you may want to use a component video connection between the media center and the TV. To do so, your TV must provide component video jacks (typically labelled Y, Pb, and Pr). Refer to your TV owner's guide for more information.

To make component video connections you will need a component video cable that is long enough to reach from the rear of the media center to your TV (Figure 15). If the cable is not supplied with your TV, you can purchase it separately.

1. On the media center rear panel, plug one end of the component video cable into the **Component Y**, **Pb**, and **Pr** video output jacks (Figure 15). Be sure to match the color of the plug with the color of the jack.
2. Plug the other end of the component video cable into the corresponding (color or letter code) component video jack on the back of your TV.

Figure 15

Component video TV-to-media center connections



IMPORTANT FOR COMPONENT VIDEO USERS

Input signals received by the **C** (Composite) or **S-Video IN** jacks are not passed through to the **Component** video **OUT** jacks. If you connect an external video device to the **C** or **S-Video IN** jack, you must also connect the **C** or **S-Video OUT** jack on the media center to the respective video input jack on your TV. To view the external video input on your TV, you will need to select the TV video input used for that device. To view the onscreen menus of the 3•2•1 *GSX* system, you will need to switch back to the TV's component video input.

♪ ***Note:*** *For more information, or to purchase the video cables, contact your local electronics store or authorized Bose dealer.*

Connecting digital audio devices

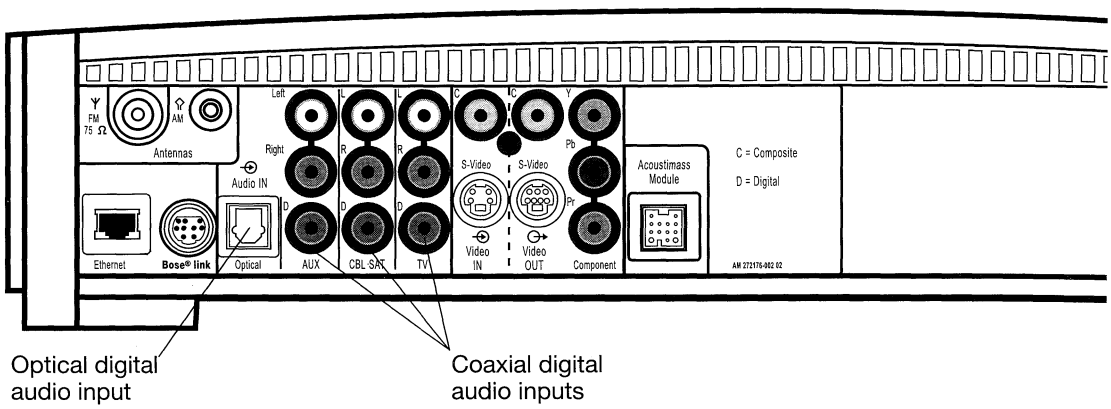
Some audio devices feature a digital audio output for optimum sound performance. Use an optical digital cable or a coaxial digital cable, as appropriate, to connect this output to the digital input on the media center. You can purchase the required cables at a local electronics store.

On the media center rear panel, an optical digital cable connects to the OPTICAL jack. A coaxial cable connects to the audio input jacks labeled **D.**

♪ ***Note:*** *Before you can benefit from the optical connection, you will need to assign the optical connector to the audio source in the system settings menu. See "Media center options" on page 60.*

Figure 16

Media center digital audio input jacks



Connecting your cable/satellite box, TV, and VCR to the media center

The 3•2•1 *GSX* home entertainment system provides flexibility for you to add up to three external audio devices, including your TV, directly to the media center.

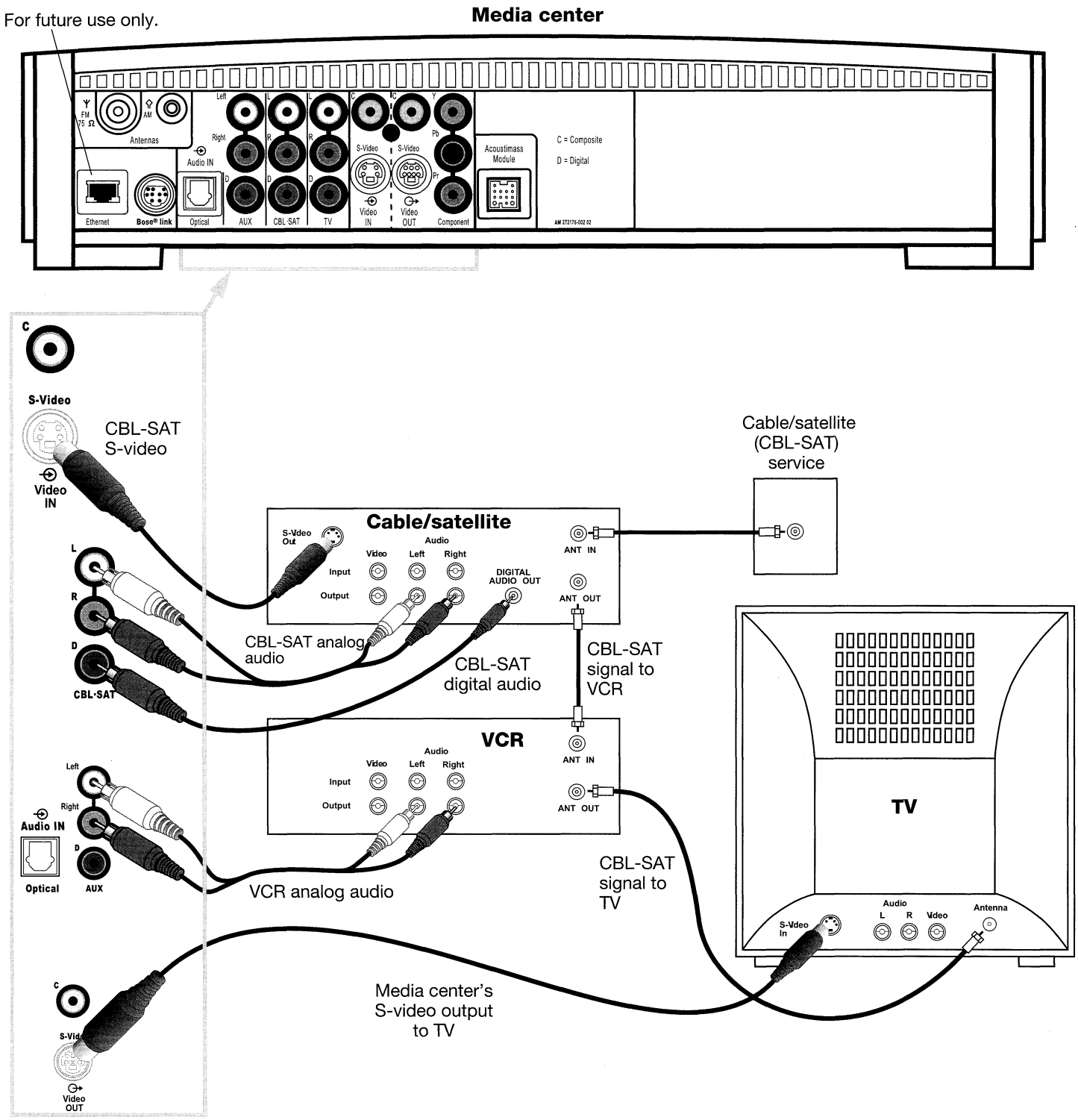
Figure 17 shows you an advanced setup using a TV, VCR and cable/satellite box. In this setup, please notice the following:

- S-video connections are used to deliver the cable/satellite signal to the media center. Therefore, the media center output video is sent to the TV also through an S-video connection.
- Analog and digital coaxial audio connections are shown for the cable/satellite box. As an option, you may use an optical digital connection. However, before you can benefit from the optical connection, you will need to assign the optical connector to the cable/satellite box audio source in the system settings menu. See "Media center options" on page 60.
- When connecting an audio device to the media center jacks, remember to match the red jack to the right channel (R) and the white (or black) jack to the left channel (L).
- For further details on making the video connections between your VCR and TV, refer to the manuals for these video devices.

♪ ***Note:*** *The recommendations contained in this owner's guide are basic suggestions for connecting external devices to the 3•2•1 GSX system. Instructions and terminology pertinent to these external devices may vary, depending on the manufacturer. Consult the owner's guide that came with the device for clarification on setup and usage before making any connections.*

Figure 17

Advanced setup example: TV, VCR and cable/satellite box



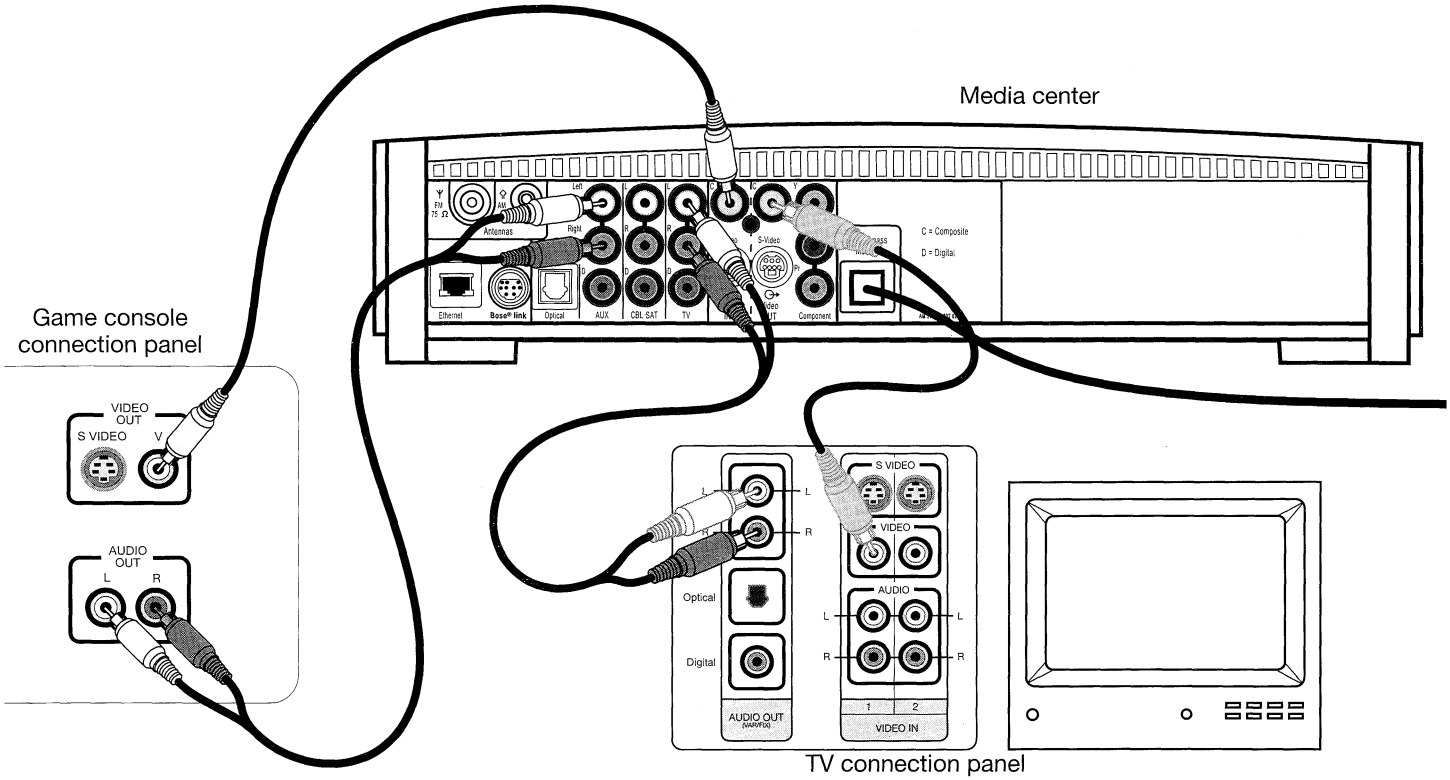
♪ ***Note:*** *For more information on advanced connections, refer to the DVD setup disc that came with your 3•2•1 GSX home entertainment system.*

Connecting a game console

Connect the audio output of a game console to the **AUX Left** and **Right** input jacks. Connect the video output of the game console to the **C** (composite) **Video IN** jack.

Figure 18

Game console connections



IMPORTANT

If you connected your game console this way, you will need to select the AUX source on the 3•2•1 remote in order to hear sound from the game console.

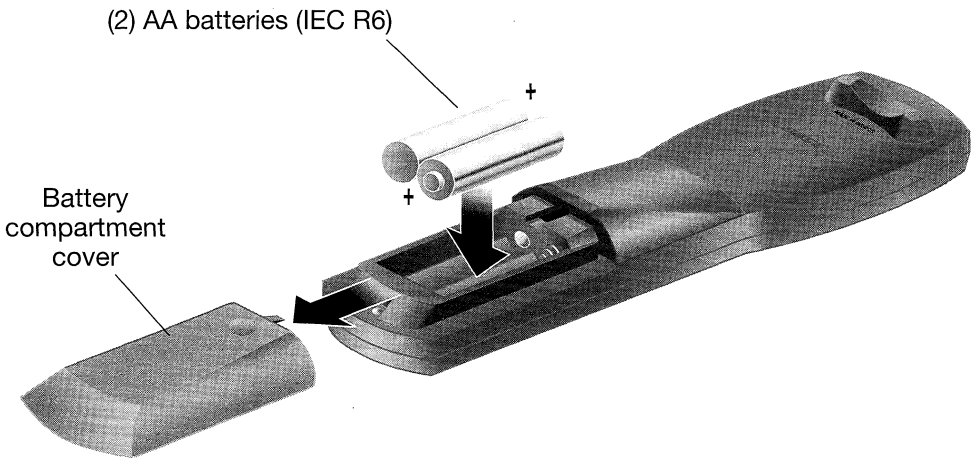
Installing the remote control batteries

1. On the back of the remote, slide open the battery compartment (Figure 19).
2. Insert the two supplied AA (IEC-R6) 1.5V batteries, or their equivalent, as shown. Match the plus (+) and minus (–) marked on the batteries with the plus (+) and minus (–) inside the battery compartment.
3. Slide the battery compartment cover back into place.

♪ ***Note:*** *Replace the batteries when the remote control stops operating or its range seems reduced.*

Figure 19

Installing the batteries



Connecting the power cord

⚠ ***CAUTION:*** *Do not plug the Acoustimass® module into an AC power (mains) outlet until all the components are connected.*

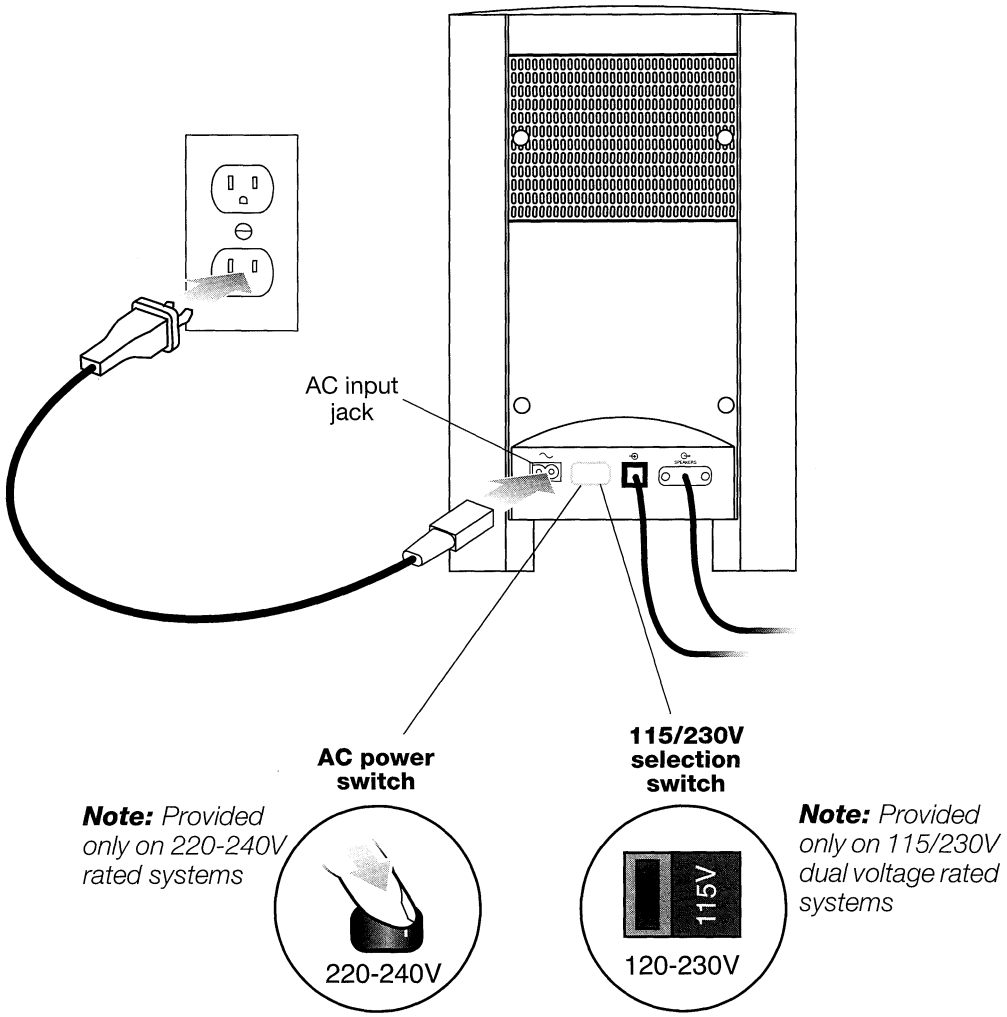
⚠ ***CAUTION:*** *For dual voltage models only, be sure to set the dual voltage switch on the back of the Acoustimass module to the appropriate voltage for your area (115V or 230V) before connecting to power. If you are not sure about the proper voltage for your area, consult your local electrical authorities.*

1. Insert the small connector end of the power cord into the AC INPUT connector on the Acoustimass module (Figure 20).
2. Insert the large end of the cord into an AC power (mains) outlet.

♪ ***Note:*** *On 220-240V models only, turn the Acoustimass module POWER switch to on (I).*

Figure 20

Connecting to power



Verifying your system setup

1. **Check the following before you continue:**
   - All cables are connected for the setup you chose.
   - The batteries were installed in the remote control.
   - The power cord was installed and plugged into a live AC receptacle.
2. **Turn on your TV.** Use the remote control that came with your TV.
3. **Using your TV remote, select the video input on your TV that connects to the video output of the media center.**

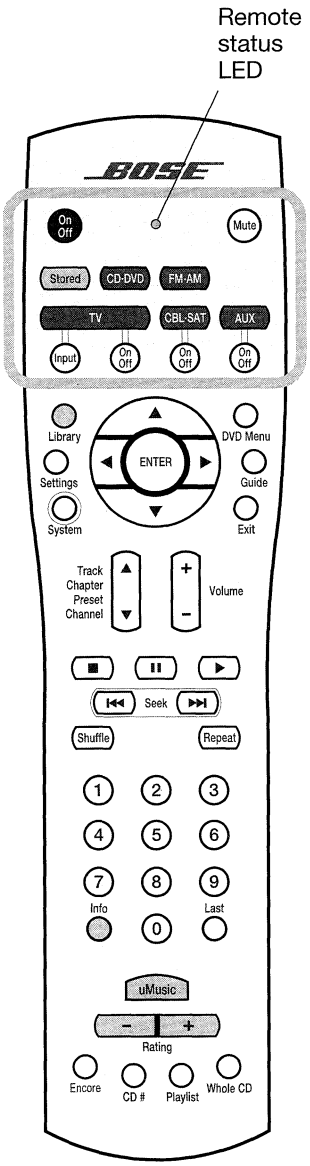
Name TV video input used:

   - The method of selecting the right video input depends on your TV. Refer to your TV owner's guide for help.
4. **Turn off the TV speakers.**
   - Refer to your TV owner's guide for help.
   - If your TV does not have an option to turn off the internal speakers, you may need to adjust both the 3•2•1 *GSX* system volume and your TV volume until you find a level that produces the desired sound.
   - In some TVs, when the internal speakers are turned off, you may need to raise the TV's volume level by 75% to 100% in order to hear audio from the 3•2•1 *GSX* home entertainment system. See your TV owner's guide for help.
5. **Turn on your 3•2•1 *GSX* system.**
   - Point the 3•2•1 *GSX* remote control at the media center and press **On-Off**.
6. **Play the 3•2•1 *GSX* setup DVD.**
   - Press **Eject** on the media center control panel.
   - Insert the DVD setup disc into the disc tray.
   - Press **Eject** again to close the tray. The DVD will automatically begin to play. If it does not, press the play button (▶).

♪ ***Note:*** *Be sure to play the Setup DVD, included in the carton with your system, as soon as all the connections are completed. This will help you verify the connections you have made and confirm proper sound performance.*

SYSTEM CONTROLS AND INDICATORS

Remote control



On Off — Turns the system on or off.

Status LED:

- Off (unlit) during normal operation.
- On during the process of setting up the remote to control other equipment such as your TV or VCR.

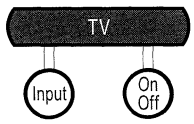
Mute — Silences or restores the sound from the current source.

Stored — Selects the Stored CD source and turns the system on to the last-selected uMusic™ intelligent playback system play mode.

CD·DVD — Selects the built-in CD/DVD player and turns the system on.

FM·AM

- Selects the built-in tuner and turns the system on to the previously selected FM/AM station.
- Switches between FM and AM when the tuner is selected.



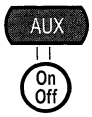
TV: Selects the TV sound source and turns your system on.

Input: Changes the external input to your TV. For example, your TV might have two external inputs where one is connected to your cable box and the other to your VCR. Pressing this button alternates between the cable box and the VCR.*

On/Off: Turns your TV on and off.*

CBL-SAT: Selects the CBL-SAT sound source and turns your system on.

On/Off: Turns your cable/satellite box on or off.*

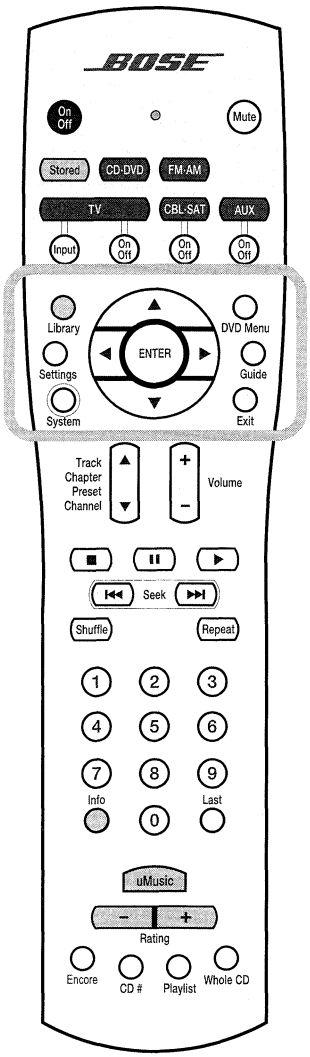


AUX: Selects the AUX sound source and turns your system on.

On/Off: Turns a VCR or PVR that is connected to the AUX jack on or off.*

* *Requires special remote settings. See "Setting up your remote to control other audio/video devices" on page 30.*

Remote control – cont.



Library

Enters the library of stored CD tracks.

Settings

Displays the Settings menu for the current source on your TV screen or media center display.

System

Displays the System menu on your TV screen.

DVD Menu

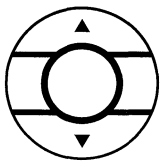
- Displays the DVD menu of the currently loaded DVD disc on your TV screen.
- Displays the main menu of a cable/satellite box, VCR, or PVR on your TV screen (if supported).*

Guide

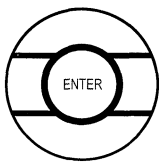
Displays the TV program guide (if supported) on your TV screen.

Exit

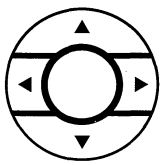
- Removes the Settings menu, System menu, or Library menu from your TV screen.
- Removes the TV program guide (if supported) from your TV screen or media center display.



- Tunes the FM or AM radio to the next higher or lower frequency.
- Selects the next item, up or down, in menus.



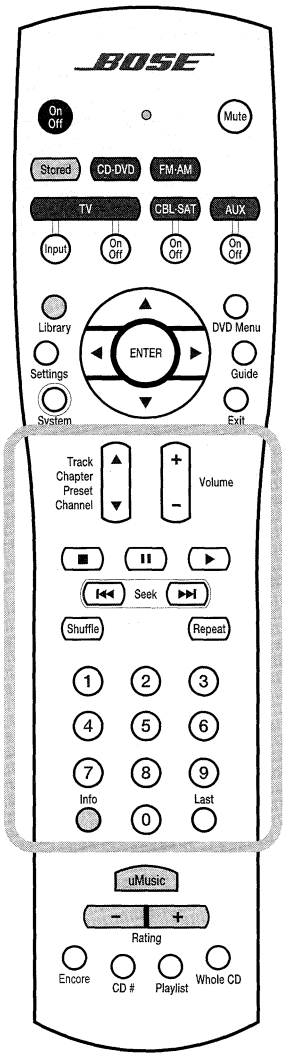
Confirms a menu selection or introduces the next level of menu options.

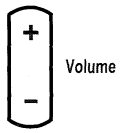


Moves up, down, left, or right in onscreen menus and media center displays.

Requires special remote settings. See "Setting up your remote to control other audio/video devices" on page 30.

Remote control – cont.





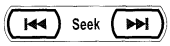
- Raises or lowers the volume of the current source.
- Pressing + restores muted sound from the current source.
- Pressing – lowers the volume of the current source, but does not restore muted sound.

Skips to the next or previous CD track, DVD chapter, radio station preset, or TV channel (if the remote is set up to control your TV).

- Stops the disc player.
- *For DVDs only*, the disc stops and the system saves the DVD play position. Pressing ▶ continues the DVD from the saved play position. Pressing ■ twice for a disc in play returns to the beginning of the disc.

- Pauses a currently playing disc.
- Pressing ❚❚ again (or pressing ▶) resumes play of a paused disc.
- After 20 minutes of no user interaction, the disc player stops and returns to the beginning of the disc to wait for the next command.

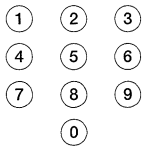
Starts the disc player.



- Skips backward or forward through CD tracks.
- Skips backward or forward through DVD chapters.
- Seeks backward or forward to the next strongest radio station.

Plays audio CD tracks in random order. Press again to cancel.

Repeats a CD, CD track, DVD chapter, or DVD title depending on the selected source. Press again to change the repeat mode.

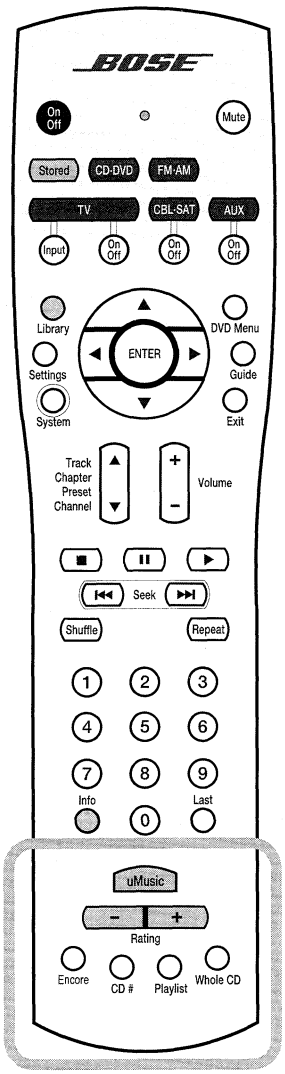


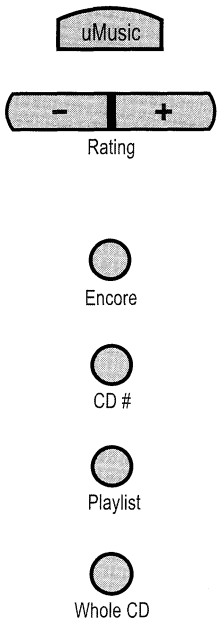
- Selects a CD track, DVD chapter, radio station preset, or TV channel.
- Selects a uMusic preset for the Stored source.
- Allows numerical selection for some menu options.

- Displays or dismisses a cable/satellite information window, if supported.
- If playing an MP3 CD, displays or dismisses artist and title information on the media center display panel.
- Displays information about the stored track that is playing.

Skips to the previous TV channel (if supported by your TV or cable/satellite box).

Remote control – cont.





Selects the uMusic™ intelligent playback system for playing stored music. Overrides any other stored music play mode.

- Applies a negative (–) or positive (+) rating to the stored track currently playing.
- Pressing - immediately selects a new track.
- Pressing + continues playing the current track.

Selects and plays stored music that most closely matches the style of the current track.

Plays the tracks from a CD selected by its number in the uMusic system.

Plays all the tracks, if any, assigned to the playlist. Can be used with other play mode options, like Encore.

Skips from the track most recently playing to the first track on the CD of origin and plays that CD from beginning to end.

Setting up your remote to control other audio/video devices

Your remote can be set up to control other audio/video devices such as a TV, VCR, PVR or cable/satellite box by entering a device code while in the setup mode.

- **If you know the device code, follow the instructions under the heading, "Direct entry of a device code"** below. Device codes are listed in the back section of this owner's guide and in the System menus under Remote Control options.
- **If you can't find the device code and want to search the system for it, see "Searching for a device code" on page 31.**
- **If you want to verify the device code you have entered for an audio/video device, see "Verifying an entered device code" on page 33.**
- **If you want to return to a previous device assignment,** press and hold the **TV** button until the remote LED is lit (about 5 seconds). On the remote keypad, enter 977.
- **If you want to wipe out all assigned codes,** press and hold the **TV** button until the remote LED is lit (about 5 seconds). On the remote keypad, enter 981.

♪ ***Note:*** *More than one code may work with your particular brand of product. If you notice a lack of response or limited functionality after setting up the remote, try a different code.*

♪ ***Note:*** *The remote status LED flashes rapidly eight times if you press an invalid key, or enter an unavailable device code. Wait seven seconds for the error to clear and start again.*

Direct entry of a device code

Device codes can be found at the back of this owner's guide or in the System menu under Remote Control options. If you know the device code, you can do the following:

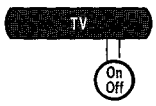
To set up the remote to control your TV

1. Turn on both the 3•2•1 *GSX* system and your TV.

2. Press and hold the **TV** button until the remote LED is lit (about five seconds).

3. On the remote keypad, enter the four-digit device code for your TV. The LED will turn off temporarily as you press each key.

4. Check that the LED turns off after the code is entered. If the LED blinks, the code is invalid. Try again.



5. Point the remote at your TV and press the **TV On-Off** button. If your TV does not respond, go back to step 2 and try other codes. If you are still unsuccessful, see "Searching for a device code" on page 31.

♪ ***Note:*** *After programming your remote to control external audio/video devices from the System menu, press the System button once to continue navigating the System menu.*

To set up the remote to control your cable/satellite box

1. Turn on both the 3•2•1 *GSX* system and your cable/satellite box.

2. Press and hold the **CBL-SAT** button until the remote LED is lit (about five seconds).

3. On the remote keypad, enter the four-digit device code for your cable/satellite box. The LED will turn off temporarily as you press each key.

4. Check that the LED turns off after the code is entered. If the LED blinks, the code is invalid. Try again.

5. Point the remote at your cable/satellite box and press the **CBL-SAT On-Off** button. If your cable/satellite box does not respond, go back to step 2 and try other codes. If you are still unsuccessful, see "Searching for a device code" below.

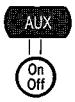
To set up the remote to control your VCR or PVR (such as Tivo or Replay TV)

1. Turn on both the 3•2•1 *GSX* system and your VCR or PVR.

2. Press and hold the **AUX** button until the remote LED is lit (about five seconds).

3. On the remote keypad, enter the four-digit device code for your VCR/PVR. The LED will turn off temporarily as you press each key.

4. Check that the LED turns off after the code is entered. If the LED blinks, the code is invalid. Try again.



5. Point the remote at your VCR or PVR and press the **AUX On-Off** button. If your VCR or PVR does not respond, go back to step 2 and try other codes. If you are still unsuccessful, see "Searching for a device code" below.

Searching for a device code

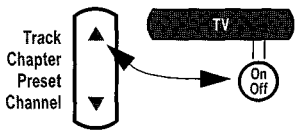
Use this method if you do not know the code for a device.

♪ ***Note:*** *This is a very time-consuming process. Use it as a last resort.*

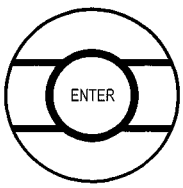
To set up the remote to control your TV

1. Turn on both the 3•2•1 *GSX* system and your TV.

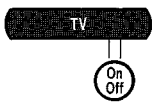
2. Press and hold **TV** until the remote LED is lit (about five seconds).



3. Alternately press **Channel ▲** and **TV On-Off** until your TV turns off.



4. Press **Enter**. Check that the remote LED turns off.

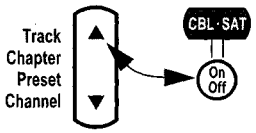


5. Point the remote at your TV and press **TV On-Off**. If your TV does not respond, go back to step 2 and try again.

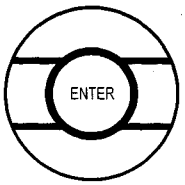
To set up the remote to control your cable/satellite box

1. Turn on both the 3•2•1 *GSX* system and your cable/satellite box.

2. Press and hold **CBL-SAT** until the remote LED is lit (about five seconds).



3. Alternately press **Channel ▲** and **CBL-SAT On-Off** until your cable/satellite box turns off.



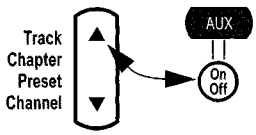
4. Press **Enter.** Check that the remote LED turns off.

5. Point the remote at your cable/satellite box and press **CBL-SAT On-Off.** If your cable/satellite box does not respond, go back to step 2 and try again.

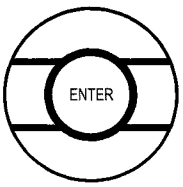
To set up the remote to control your VCR or PVR (for example, TiVo or Replay TV)

1. Turn on both the 3•2•1 *GSX* system and your VCR/PVR.

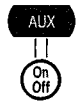
2. Press and hold **AUX** until the remote LED is lit (about five seconds).



3. Alternately press **Channel ▲** and **AUX On-Off** until your VCR/PVR turns off.



4. Press **Enter.** Check that the remote LED turns off.



5. Point the remote at your VCR/PVR and press **AUX On-Off.** If your VCR/PVR does not respond, go back to step 2 and try again.

Verifying an entered device code

In case you need to check to see what code the remote is using for a particular device, do the following:

1. Press and hold a source key (**TV**, **CBL-SAT**, or **AUX**) until the remote LED lights (about five seconds)

2. Press the **Info** button.

3. Press **1** on the remote and count the number of times the LED blinks (zero is indicated by a long blink). This is the first digit.

4. Press **2** on the remote and count the number of times the LED blinks (zero is indicated by a long blink). This is the second digit.

5. Press **3** on the remote and count the number of times the LED blinks (zero is indicated by a long blink). This is the third digit.

6. Press **4** on the remote and count the number of times the LED blinks (zero is indicated by a long blink). This is the fourth digit.

7. Press **Exit.**

Changing channel selection control

If you are using your 3•2•1 *GSX* home entertainment system with other audio/video devices, such as a VCR and cable/satellite box, you may wish to change channels using one of these other audio devices rather than your TV.

You can easily switch your 3•2•1 remote to change channels on another audio device:

1. Press and hold **Last** on the 3•2•1 remote. The remote status LED will illuminate and blink the number of times corresponding to the device controlling channel selection.

   1 blink = TV
   2 blinks = CBL-SAT
   3 blinks = AUX

2. After the blinking stops, press the source button (**TV, CBL-SAT,** or **AUX**) that corresponds to the device you want to use for channel selection.

3. Press **Exit** on the 3•2•1 remote.

To confirm, press and hold **Last** on the 3•2•1 remote and count the number of blinks. If the change was made, press **Exit.** If not, repeat steps 2 and 3.

Media center

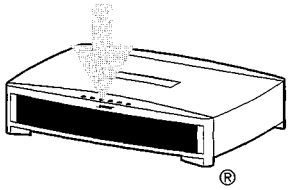
The media center has a control panel on the top, a display area to show the current status of the system, and a disc tray that opens on the front of the console.

Control panel

The media center has six buttons located above the display.

Figure 21

Media center controls



On-Off	Source	– Volume +	Store	Eject
Turns system power on or off.	Steps through the available source selections.	Lowers and raises the volume level.	Copies tracks from an audio CD into the music library.	Opens or closes the disc tray.

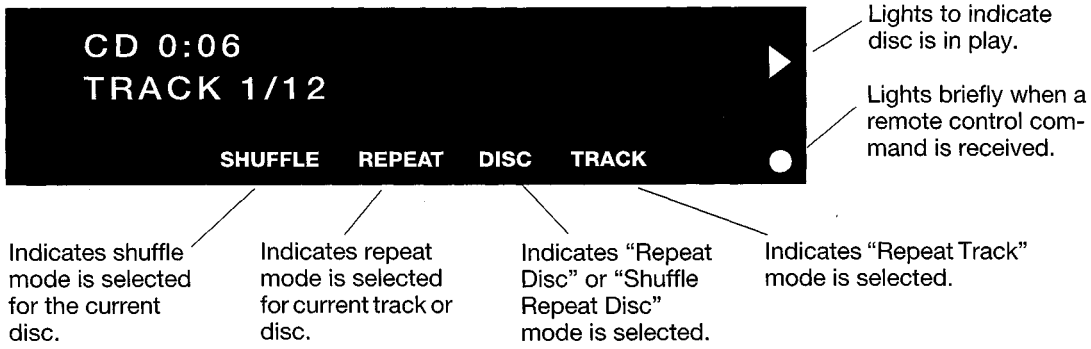
♪ ***Note:*** *If you select another source by pressing the* **Source** *button, you cannot control the new source with the remote until you press the button for that new source on the remote.*

Display indicators

With the system turned on, the media center display lights up to show the state of the system. Not all possible choices, shown below, light up at once (Figure 22). The display changes with each adjustment or selection you make.

Figure 22

Example media center display


CD 0:06
TRACK 1/12
SHUFFLE
REPEAT
DISC
TRACK
Lights to indicate disc is in play.
Lights briefly when a remote control command is received.
Indicates shuffle mode is selected for the current disc.
Indicates repeat mode is selected for current track or disc.
Indicates "Repeat Disc" or "Shuffle Repeat Disc" mode is selected.
Indicates "Repeat Track" mode is selected.

Turning your system on and off

On-Off

To turn power on or off:

- Point the 3•2•1 remote at the media center and press **On/Off.**

  OR

- Press **On-Off** on top of the media center.

To turn the system on and select a source at the same time:

- Press **Stored, CD-DVD, FM-AM, TV, CBL-SAT,** or **AUX** on the 3•2•1 remote.

♪ ***Note:*** *Your 3•2•1 remote control can be set up to control other audio/video devices such as your TV, VCR, or cable/satellite receiver. For instructions, see "Setting up your remote to control other audio/video devices" on page 30.*

Playing video DVDs

Before you play your first DVD:

- Familiarize yourself with the 3•2•1 remote control. See "Remote control" on page 26.
- Be sure you understand how to switch between the available video inputs on your TV. To view a video DVD, you will need to select the video input on your TV that is connected to the video output of the 3•2•1 *GSX* media center (see "Connecting your TV to the media center" on page 15).
- If you are unable to select the correct video input on your TV, please consult your TV owner's guide.
- Be sure that you play the 3•2•1 *GSX* system setup DVD first. This will help you verify the connections you have made and confirm proper sound performance.

1. Turn on your TV.
2. Select the correct video input on your TV for the 3•2•1 *GSX* system.

3. On the 3•2•1 remote, press **CD/DVD** to turn the 3•2•1 *GSX* system on to the CD/DVD source.

Eject

4. On the media center control panel, press **Eject** to open the disc tray.
5. Place the DVD disc in the disc tray.

Eject

6. Press **Eject** again to close the tray.

The DVD should begin to play automatically. If not, press **Play** on the 3•2•1 remote.

♪ ***Note:*** *Not all DVDs offer the same features. For example, you can choose to display subtitles while watching a movie only if that particular disc provides subtitle information.*

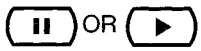
While playing a DVD video, the media center displays the elapsed play time and chapter number.

Figure 23

Sample display for a DVD video

Basic DVD operations

- Press **Pause** to pause a movie.



- Press **Pause** again, or press **Play** to resume playing a paused CD.

- Press ■ (stop) to interrupt a movie in progress.
  - Press ■ once. The system holds the movie at the point of interruption. Press **Play** to resume from the point of interruption.

    OR
  - Press ■ twice. Play is interrupted and the system returns to the beginning of the disc. Press **Play** to restart the DVD.

- Press **Chapter** ▲ to skip to the next chapter on the current DVD. Press **Chapter** ▼ to skip to the previous chapter.

- Press **Repeat** once for REPEAT CHAPTER mode.
- Press **Repeat** again for REPEAT TITLE mode.
- Press **Repeat** again to turn the repeat function off (REPEAT OFF).

- Press ⏮ to scan backward through the current DVD. Press ⏭ to scan forward.

Eject

- Press **Eject** on the media center to stop a disc and open the disc tray.

♪ ***Note:*** *For information on changing DVD-related source settings, see "DVD settings menu" on page 51.*

Restricting access to video DVDs

The DVD Lock menu allows you to restrict access to DVD content that is inappropriate for certain members of your family. For instructions on using the DVD Lock menu, see "DVD Lock options" on page 62.

Playing audio CDs

1. On the 3•2•1 remote, press **CD/DVD** to turn the 3•2•1 *GSX* system on to the CD/DVD source.

2. On the media center control panel, press **Eject** to open the disc tray.

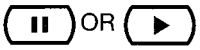
3. Place the CD disc in the disc tray.

4. Press **Eject** again to close the tray.

5. The audio CD should begin to play automatically. If not, press **Play** on the 3•2•1 remote.

Basic CD operations

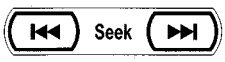
- Press **Pause** to pause an audio CD.



- Press **Pause** again, or press **Play** to resume playing a paused CD.

- Press ■ to stop a playing audio CD.

- Press **Track** ▲ to skip to the next track on the current CD. Press **Track**▼ to skip to the previous track.



- Press **Seek** ▶▶I once to skip to the next track.
- Within the first 2 seconds of play, press **Seek** I◀◀ to skip to the previous track. After 2 seconds of play, press **Seek** I◀◀ to skip to the beginning of the current track.
- Press and hold **Seek** I◀◀ or **Seek** ▶▶I to scan backward or forward through a track.

- Press **Repeat** once for REPEAT TRACK mode. Press **Repeat** again for REPEAT DISC mode. Press **Repeat** again to turn the repeat functions off (REPEAT OFF).

- Press **Shuffle** once for SHUFFLE DISC mode. Press **Shuffle** again to turn off the shuffle mode (SHUFFLE OFF).

♪ ***Note:*** *For information on changing CD-related source settings, see "CD settings menu" on page 50.*

♪ ***Note:*** *While playing an MP3 CD, pressing* **Info** *displays artist and title information on the media center display panel.*

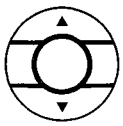
Listening to FM/AM radio

On the 3•2•1 remote, press **FM-AM.** If the system is off, the radio will turn on to the most recently selected station.

Tuning to a station

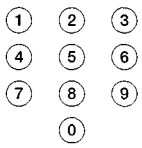
Use the following controls to tune to a radio station.

- Press **FM-AM** to switch between the FM and AM bands.



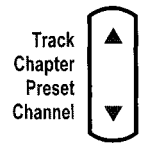
- Press **Tune** ▲ to tune up the band. Press **Tune** ▼ to tune down the band.

- Press **Seek** ⏮ to go to the previous station. Press **Seek** ⏭ to go to the next available station. Press and hold for rapid tuning. Release to stop at the next available station. To stop anytime, briefly press **Seek** ⏮ or **Seek** ⏭. To begin seeking again without holding down the **Seek** button, briefly press **Seek** ⏮ or **Seek** ⏭ as soon as the first seek operation stops.



- Press the number of a stored station on the remote.

  OR



- Press **Preset** ▲ to select the next stored station. Press **Preset** ▼ to select the previous stored station.

♪ ***Note:*** *For information on changing FM/AM-related source settings, see "FM/AM settings menu" on page 50.*

Storing stations as presets

Using your 3•2•1 remote control you can store up to 20 AM and 20 FM station presets. This enables you to tune to a favorite station quickly.

1. Tune to the preferred station.
2. Press **Enter** on the remote to store the station at the next available preset number.

   OR

   Enter a number on the remote using the numeric buttons. For numbers 1-9, press the single number button and hold it. For numbers 10-20, press the first number followed immediately by pressing and holding the second number.

   The newly stored preset number appears briefly on the media center display.

♪ ***Note:*** *Storing a station to a preset number replaces any station previously stored to that preset.*

Erasing a preset

1. Tune to the preset station.
2. Press and hold the **0** button on the remote until the media center display tells you that the preset is erased.

Using the uMusic™ intelligent playback system

Before you can play stored music and use the uMusic intelligent playback system, you need to store some CD tracks in your media center. To experience the impact of the uMusic playback system, you should start by storing 10 discs.

♪ ***Note:*** *Your system is designed to store tracks of regular CDs only. It will not store MP3 tracks or the contents of DVDs. If an inappropriate disc type is in the disc tray when the Store button is pressed, the media center displays an error message to indicate that storage is not possible.*

Storing CDs

1. To start, choose 10 of your favorite CDs.

Eject

2. Press **Eject** on the media center to open the disc tray.
3. Place an audio CD in the disc tray.
4. Press **Eject** again to close the tray.

Store

5. Press **Store** on the media center.
   - Storing takes about 5 minutes per disc. While a CD is being stored, the media center display (Figure 24) shows you what percentage of the task is completed.
   - To interrupt or stop storing at any time, press **Eject.** To resume storing the same disc, close the disc tray and press **Store** again.

Figure 24

Example of media center display while storing a CD

6. After AUDIO CD STORED appears on the media center display, open the disc tray and remove the CD.
7. Repeat these steps for each CD.

Planning time to store your music

- Allow about 5 minutes per CD to copy the tracks.
- Storing 10 discs will take about 1 hour, including the time it takes to insert and remove them.
- After storing a CD, your system needs to process the tracks for efficient storage. If after storing several CDs the media center displays BUSY PROCESSING CDS, you will need to wait and allow the system to complete its process. Turning your system off will allow it to process CDs faster.
- For 10 CDs your system will need about 6 hours of processing time with the system turned off.
- If your CD collection is extensive, you should plan several separate sessions.

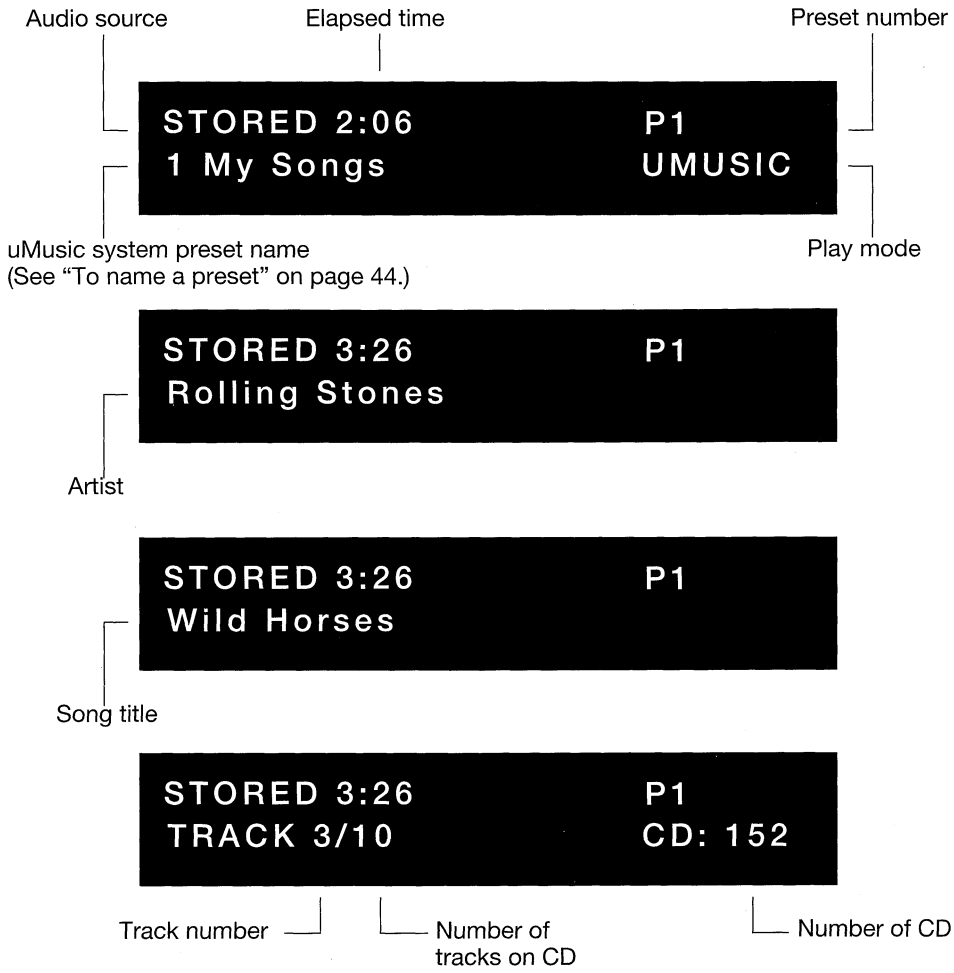
Playing stored music

Stored

- Press **Stored** on your remote to select the stored music source and turn the system on, if it is off. The uMusic™ system will begin to play the stored music under the last-selected preset and in the last play mode used. Your media center displays information (Figure 25) about the track that is playing.

Figure 25

Example media center display of track information



① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⓪

- If you want a different preset, press the corresponding preset number (1 to 9) on the remote.

II

- Press **Pause** to interrupt the current selection.

II OR ▶

- Press **Pause** again, or press **Play** to resume playing a paused selection.

- Press **Stop** once to stop playing a selection. Pressing **Play** will continue the selection from where the track stopped.
- Press **Stop** twice. Pressing **Play** will start the selection from the beginning of the track.

- Press **Track** ▲ to skip to another track.
- Press **Track** ▼ to skip to a previous track.

♪ ***Note:*** *Pressing* **Track** ▲ *or* **Seek** ▶▶| *to skip a track registers a negative rating for that track. See "Rating your music" on page 42.*

- Press **Seek** ▶▶| once to skip to the next track.
- Within the first 2 seconds of play, press **Seek** |◀◀ to skip to the previous track. After 2 seconds of play, press **Seek** |◀◀ to skip to the beginning of the current track.
- Press and hold **Seek** |◀◀ or **Seek** ▶▶| to scan backward or forward through a track.

- Press **Info** to see information about the track that is playing on the media center and on your TV (Figure 26) if it is on.

Figure 26

Example of Info display

Info for track – Almost Blue
Almost Blue/Elvis Costello (3:07)
Genre - Rock / Pop
CD #7
Track 10 of
The Best of Elvis Costello & the Attractions (1985)
by Elvis Costello
Data by All Music Guide ®2004 AEC One Stop Group, Inc.
Preset 1 – My Songs
Track 10 on CD7
Elapsed Time - 00:01 / 03:07
BOSE

♪ ***Note:*** *For information on changing stored music related source settings, see "Stored CD settings menu" on page 50.*

Rating your music

When you first start playing your stored music, the uMusic™ system doesn't know what you like to hear the most, so the system starts by playing tracks from your entire music library. As you spend time listening to your music and rating each track, the system learns what you like to hear.

Rating

While a track is playing you can tell the system if you like or dislike it:

- Press the **– Rating** button to tell the system you dislike the current track. The current track will stop and the system will select the next track. Pressing the **– Rating** button makes this track, and tracks like it, less likely to be played in the current preset.
- Press the **+ Rating** button to tell the system you really like the current track. The current track will continue to play. Pressing the **+ Rating** button makes this track, and tracks like it, more likely to be played in the current preset.

A rating is also registered when you skip a track or listen to a track all the way through. However, the effect of pressing a **Rating** button is stronger than either of these two actions.

You can also rate your stored music from within the Music Library. See "Rating stored music in the library display" on page 47.

Stored music play modes

- Press **uMusic** to return to the uMusic playback mode from the Encore, CD#, Playlist, or Whole CD play mode.

Encore

- Press **Encore** if the current track that is playing really captures your mood and you would like to hear other similar tracks from your stored music. After the other similar tracks are played, the uMusic playback system resumes.

CD #

- Press **CD#**, immediately followed by a CD number, to play one of your stored CDs. The CD number appears on right side of the media center display while a CD is playing.

Playlist

- Press **Playlist** briefly to play the tracks that you have put into your playlist. For more information, see "Using the Playlist" on page 45.

Whole CD

- Press **Whole CD** to play all tracks, in order, of the CD that includes the track now playing. When the CD is finished playing, uMusic playback resumes.

Repeat and shuffle functions

Repeat and Shuffle functions only apply to CD#, Playlist and Whole CD modes.

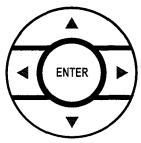
- Press **Shuffle** to play tracks in a random order. SHUFFLE is displayed on the media center.
- Press **Shuffle** again to turn off the shuffle function.

- Press **Repeat** to repeat a track. REPEAT TRACK is displayed on the media center.
- Press **Repeat** again to repeat the whole CD or playlist. REPEAT DISC is displayed on the media center.
- Press **Repeat** again to turn off the repeat function.
- To repeat a CD and play its tracks in random order, press **Shuffle** and then press **Repeat**. SHUFFLE REPEAT DISC is displayed on the media center.

Deleting stored tracks

If there is a track stored in the system that you will never want to play, you can permanently delete it from your stored music collection.

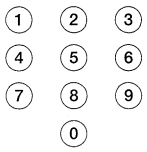
1. Press **System** on the remote control.
2. Select **Stored CDs** and press **Enter.**



3. Select **CD#** and press **Enter.**
4. Choose the number of the CD containing the track you want to delete and press **Enter.**
5. Select **Track** and press **Enter.**
6. Choose the name of the track you want to delete and press **Enter.**
7. Select **Track Action** and press **Enter.**
8. Choose **Delete Track** and press **Enter.**
9. After the confirmation, "Do you really want to permanently delete the track from the System," select **Yes** and press **Enter.**

10. Press **Exit** to leave the System menu.

Using uMusic™ system presets



The uMusic system can manage up to nine sets of preferences using presets. The nine presets can be used to establish music preferences for different family members or for special purposes or occasions. If you wish, you can enter a name for each preset to help you remember how it is used.

To select a uMusic preset

1. Press **Stored**.
2. Press **1** to **9** on the remote for the preset you want. A **P** followed by the preset number is displayed on the media center to verify your choice.

Figure 27

Example music center display showing preset number

♪ ***Note:*** *When you play the uMusic system for the first time it automatically selects preset 1.*

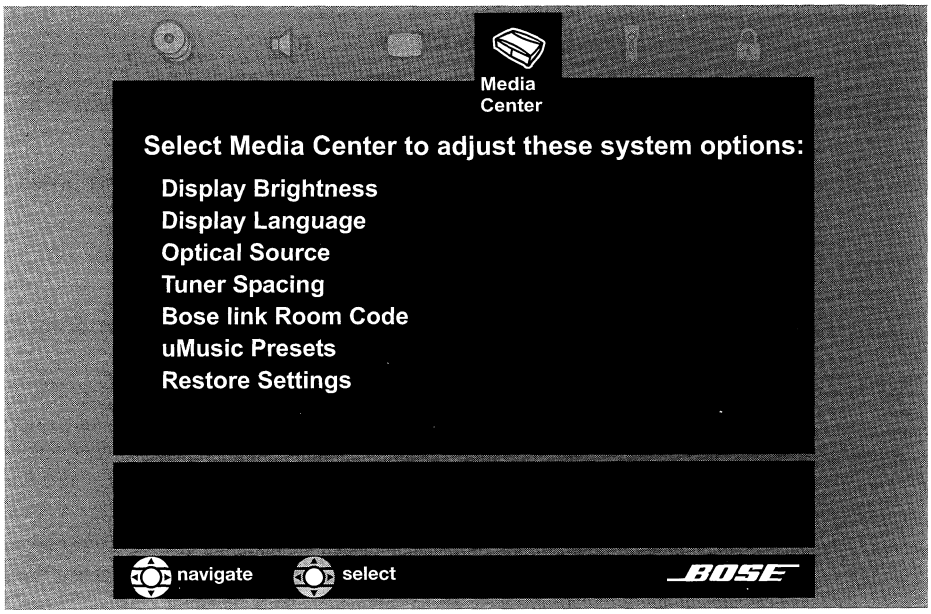
3. The uMusic playback system starts to play music according to the likes and dislikes registered, if any, for this preset. You can continue to rate the music being played using the **+** and **–** Rating buttons.

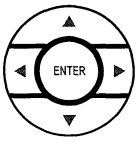
To name a preset

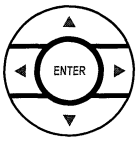
1. Press **System.**
2. Select **Media Center** options (Figure 28).

Figure 28

System menu – media center options







3. Select **uMusic Preset** and press **Enter.**
4. Choose a preset and press **Enter.**
5. Select **uMusic Preset Action** and press **Enter.**
6. Select **Edit Name** and press **Enter.**
7. Using the edit screen, enter a name for the preset. See "Using the Edit Screen" on page 56 for instructions on using the edit screen.
8. Select **Done** at the top right corner of the screen and press **Enter.**

9. Press **Exit** to leave the System menu.

Using the Playlist

Using the Playlist feature you can create a playlist of songs for a specific purpose such as a birthday party or holiday gathering. The Playlist can contain as many tracks as you have stored in your media center.

To add the currently playing song to the playlist

Playlist

Press and hold **Playlist** until ADDED TO PLAYLIST is displayed on the media center.

To listen to the Playlist

Press **Playlist** briefly. The tracks in the playlist play in order. Press the **uMusic** button to leave the playlist and return to the uMusic playback mode.

To repeat a track or play the tracks in random order, see "Repeat and shuffle functions" on page 42.

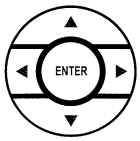
To remove a track from the Playlist

While listening to the track in Playlist mode, press and hold **Playlist** until REMOVED is displayed on the media center. The track is removed from the playlist but not from the system.

To add songs to the Playlist by track, album, artist, or genre

Library

1. Press **Library.**



2. Use the navigation buttons to browse through your stored music collection. Refer to "Finding stored music" on page 46.

3. Select the track, album, artist, or genre that you want to add.

Playlist

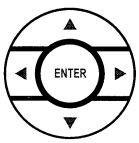
4. Press and hold **Playlist** until TRACK>>PLAYLIST or ALBUM>>PLAYLIST is displayed on the media center. The Music Library screen on your TV also indicates that a track, or one or more albums have been added to the Playlist.

To remove all tracks from the Playlist

Before building a new playlist, you may find it easier to clear the playlist of all its songs.

System

1. Press **System.**



2. Select **Media Center** options. Press **Enter.**

3. Select **uMusic Preset Action**. Press **Enter.**

4. Select **Clear Playlist**. Press **Enter.**

Exit

5. Press **Exit** to leave the System menu.

Searching through your music library

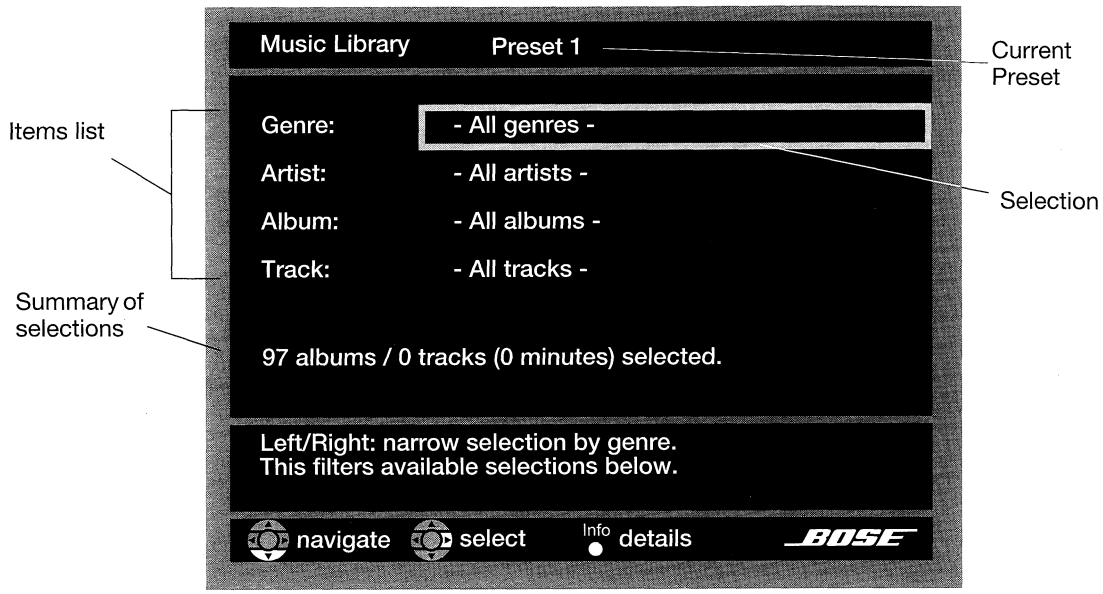
Using the Library display, you can search through your music collection by genre, artist, album, or track.

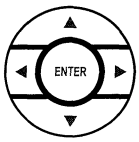
Finding stored music

1. Press **Library**. The Music Library display (Figure 29) appears on your TV. Information also appears on the media center display (Figure 30).

Figure 29

On-screen Music Library display





2. Use the navigation buttons on the remote to search for music by Genre, Artist, Album, or Track. Use the up/down arrows to select an item in the list. Use the left/right arrows to change the selection.
3. When you select a track or album you want to hear, press **Enter** to play it. When it is done, the uMusic™ playback system will again start to select songs for you.
4. Press **Exit** to leave the Music Library.

Figure 30

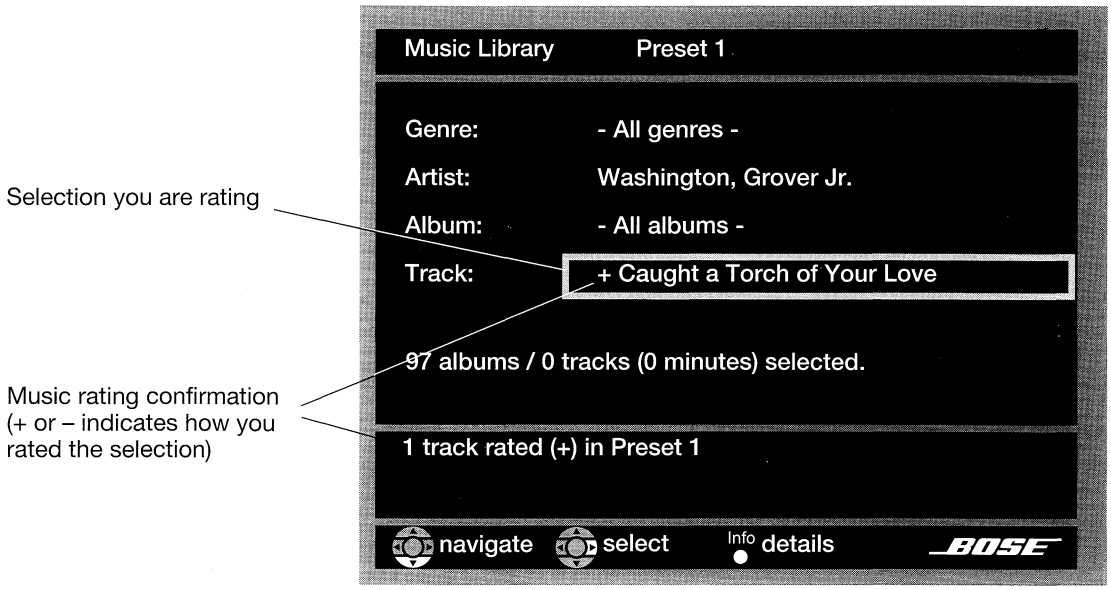
Example of Library information on the media center display

Rating stored music in the library display

You can register a rating for any stored music found in the library by genre, artist, album, or track. First find the item in the library display. While the item is selected, press the **– Rating** or **+ Rating** button on your remote. The display confirms your rating (Figure 31).

Figure 31

Example of rating indicator in the music library display



Registering your system for music information updates

When you store CDs, your system draws information from a built-in catalog of music information. This catalog includes 30 different characteristics about each CD such as style, tone, related artists, key influences, and musicians. This is the information that makes the uMusic intelligent playback system work.

Periodically, Bose issues a system update disc to make sure system owners have the most up-to-date music catalog. To receive future updates, be sure to register your system by mailing your completed Product Registration Card to Bose. If indicated on your card, you may be able to register using the Internet.

CHANGING SOURCE SETTINGS

Using the settings menus

While watching a video or listening to music on your system, you can make quick adjustments that will increase your enjoyment of the program. For that purpose, each source you use with this system has its own Settings menu with features appropriate to that source.

To view the settings menus

You can see the Settings menu for each source on your TV screen (Figure 32) and on the display panel of your media center (Figure 33).

1. Turn on your TV and select the correct TV input to view your 3•2•1 *GSX* system.
2. Press a source button on your 3•2•1 remote control.

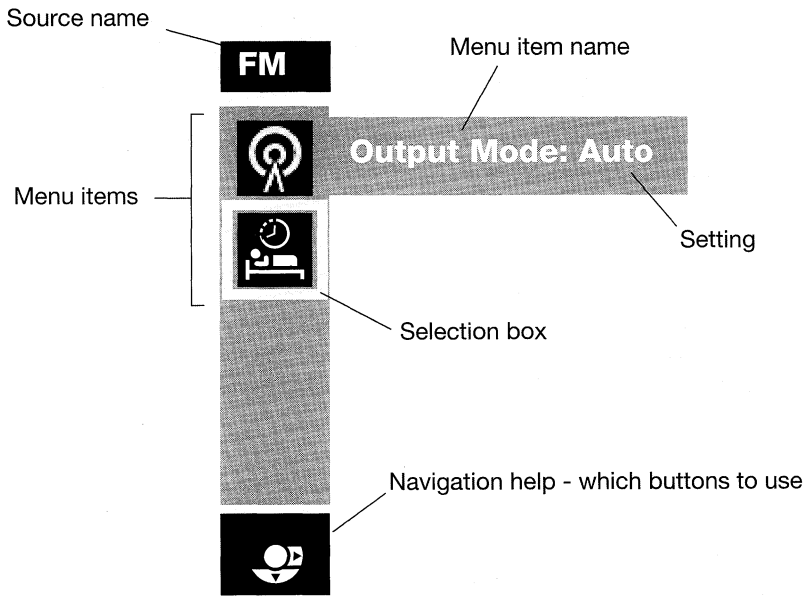
3. Press **Settings** to display the Settings menu for the selected source.

   If the list of menu items is too long for the screen, a small down or up arrow indicates that you need to scroll down or up to see other items.

4. Press **Exit** to leave the Settings menu.

Figure 32

Sample Settings menu on your TV screen



♪ ***Note:*** *Any changes made in the settings menu on your TV screen will also appear in the media center display panel.*

On the media center display panel, menu items will scroll in and out of view as you press the up (▲) and down (▼) arrow buttons on the remote.

Figure 33

Sample Settings menu on the media center display

To make changes in the settings menus

Whether you use your TV screen or the media center display to change settings, the same instructions apply.

You can use the actions above to change back to the original (default) settings, too. Do that if you do not like the effect of a change you have made, or accidentally made a change you did not intend. The default settings for each source are shown in the menu tables on the following pages.

1. Turn on your TV and select the correct TV input to view your 3•2•1 *GSX* system.
2. Press a source button on your 3•2•1 remote control.

3. Press **Settings** to display the Settings menu for the selected source.
4. Using the down (▼) and up (▲) arrow buttons, select the menu item you want to change.

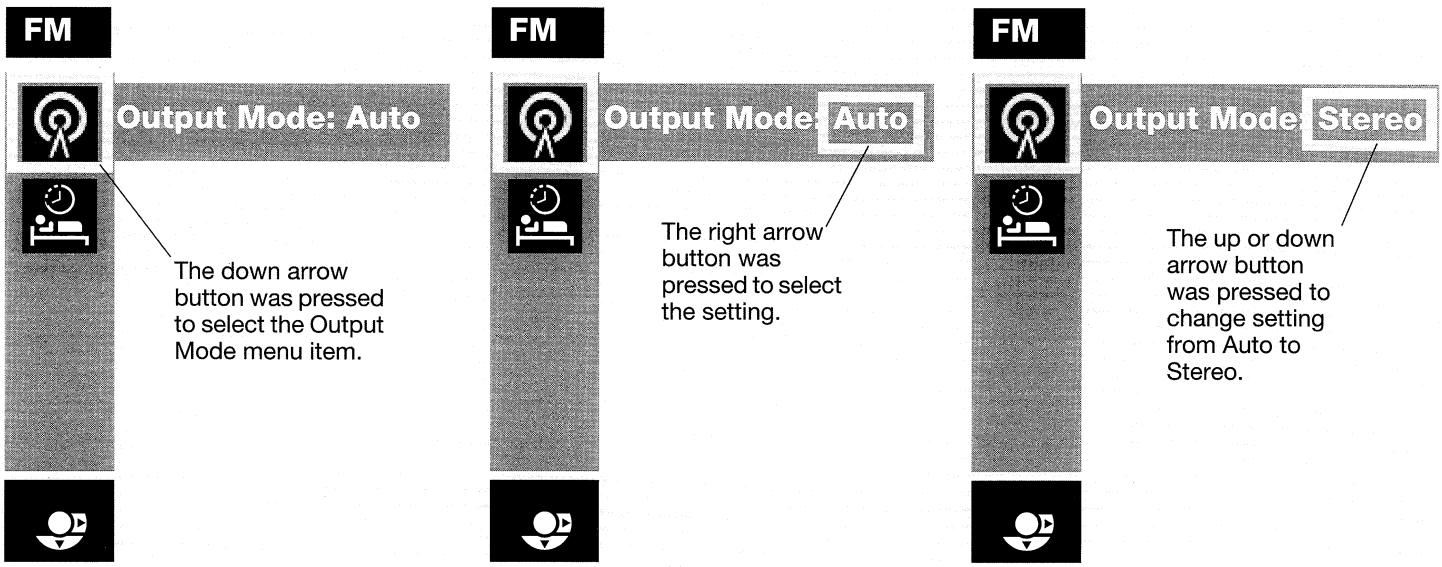
5. Press the right arrow (▶) button to select the menu item setting.
6. Press the up (▲) or down (▼) arrow button to change the setting.
7. Press **Enter** or the left arrow (◀) button to save the setting.

8. Press **Exit** to leave the Settings menu.

The progression in Figure 34 shows output mode for the FM tuner being changed from Auto to Stereo.

Figure 34

Changing the FM output mode setting


FM
Output Mode: Auto
The down arrow button was pressed to select the Output Mode menu item.
FM
Output Mode: Auto
The right arrow button was pressed to select the setting.
FM
Output Mode: Stereo
The up or down arrow button was pressed to change setting from Auto to Stereo.

♪ ***Note:*** *You can restore all default settings by choosing* **Restore Settings** *in the Systems menu, under* **Media Center** *options. This reverts all source settings back to the factory default settings. It also changes the* **Audio Processing** *setting back to* **Automatic** *(found in the Systems menu under Audio options).*

Stored CD settings menu

To see the Stored CD Settings menu, press **Stored** on the remote. Then press **Settings.** Press **Exit** to remove the menu from the screen.

	Name	Settings	Default	Description
	uMusic Preset	1 through 9, or names	1 (or last selected)	Indicates the current preset and allows you to change it.
	Play Mode (indicator)	Library, Encore, CD#, Playlist, Whole CD, Shuffle, Repeat	uMusic	Indicates the current uMusic play mode. Not adjustable in the Settings menu.
	Sleep Timer	10-90 minutes	Off	Sets system to turn off when the selected time elapses.

FM/AM settings menu

To see the FM/AM Settings menu, press **FM-AM** on the remote. Then press **Settings.** Press **Exit** to remove the menu from the screen.

	Name	Settings	Default	Description
	Output Mode (FM only)	Auto, Stereo, Mono	Auto	Allows you to listen to stereo broadcasts in either stereo or mono output.
	RDS Info (FM only, and only on some systems)	Off, On	Off	Displays station and program information (as available from Radio Data System).
	Sleep Timer	Off, 10-90 minutes	Off	Turns the system off after the set time expires. Choose off to deactivate the timer.

CD settings menu

To see the CD Settings menu, press **CD-DVD** on the remote while playing an audio CD. Then press **Settings.** Press **Exit** to remove the menu from the screen.

	Name	Settings	Default	Description
	Track	__ of __		Allows you to select a track on the current disc.
	Sleep Timer	Off, 10-90 minutes	Off	Turns the system off after the set time expires. Choose off to deactivate the timer.

DVD settings menu

To see the DVD Settings menu, press **CD-DVD** on the remote while playing a DVD video disc. Then press **Settings.** Press **Exit** to remove the menu from the screen.

	Name	*Settings*	*Default*	*Description*
	Movie EQ*	On, Off	On	Optimizes the tonal balance for movies.
	Range Compression*	On, Off	On	Adjusts volume to maintain dialogue intelligibility. Keeps some sounds from overwhelming others.
	Mono Decoding*	On, Off	On	Engages Videostage® 5 mono decoding circuitry to convert mono sound (one-channel audio) into simulated surround sound.
	Time	_:_ _	0:00	Displays the elapsed time of the current DVD. Also, allows you to move to a new location in the movie by entering a new time.
	Title	__ of __		Selects a DVD title from the current disc, according to the number set. Some DVDs do not allow direct access to titles.
	Chapter	____		Selects a DVD chapter from the current DVD movie, according to the number entered. Some DVDs do not allow direct access to chapters.
	Audio Track	Dependent on disc		Allows you to choose one of the available audio tracks on the current disc.
	Subtitle language	Dependent on disc		Allows you to choose one of the available subtitle languages (only if included on disc).
	Camera Angle	1 of ____		Allows you to select one of the available camera angles (only if included on disc).
	A-B Repeat	A, B		Repeats a segment of the DVD after the start and end points are defined. To begin: **1.** Move backward or forward to the point in the DVD where you want the segment to start. **2.** Press **Enter.** **3.** Move to the point where you want it to end. **4.** Press **Enter.** Repeats until you press the **Settings** button.
	Sleep Timer	Off, 10-90 minutes	Off	Turns the system off after the set time expires. Choose off to deactivate the timer.

*Available only when Audio Processing is set to User Adjustable. See "Audio options" on page 58 for more information.

TV, CBL-SAT, and AUX settings menu

The settings below affect programs on the TV, even when the source of the program is VCR, CBL/SAT or AUX. There are no separate setting menus for these sources.

Movie EQ, Range Compression and Mono Decoding appear in the menu only if **Audio Processing** is set to **User Adjustable.** Audio Processing can be found in the System menu under Audio options.

	Name	*Settings*	*Default*	*Description*
	Movie EQ*	On, Off	On	Optimizes the tonal balance for movies.
	Range Compression*	On, Off	On	Adjusts volume to maintain dialogue intelligibility. Keeps some sounds from overwhelming others.
	Mono Decoding*	On, Off	On	Engages Videostage® 5 mono decoding circuitry to convert mono sound (one-channel audio) into simulated surround sound.
	Dolby Digital 1+1**	1, 2, Both	1	Plays audio content of selected soundtrack(s). The content of the second soundtrack may be a second language, for example.
	Sleep Timer	Off, 10-90 minutes	Off	Turns the system off after the set time expires. Choose off to deactivate the timer.

*Available only when Audio Processing is set to User Adjustable. See "Audio options" on page 58 for more information.

** Available only when a Dolby Digital 1+1 signal is detected.

Using the System menu

Changes to system options are typically made only once. If your system operates as you want it to, there may be no need for any changes. In some cases, however, changes are required to make the system fully compatible with the installation options you have chosen.

To change System menu options

Unlike the source settings menus, the System menu only appears on your TV screen.

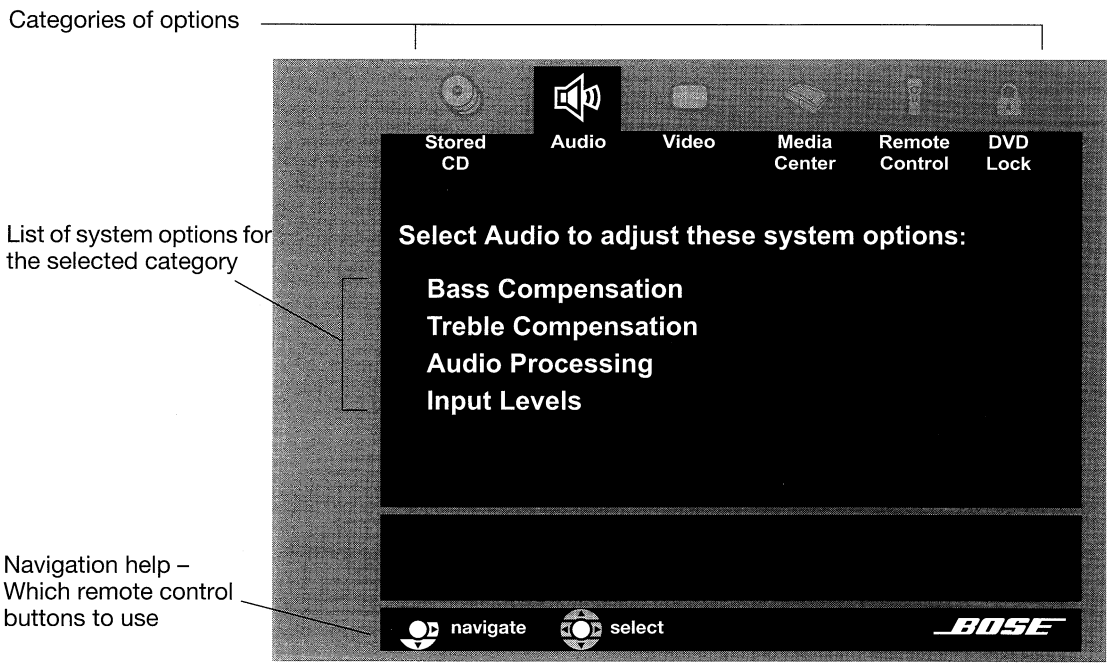
1. Turn on your TV and select the correct TV input to view your 3•2•1 *GSX* system.
2. Press the **System** button on your 3•2•1 remote control. The System menu (Figure 35) appears on your TV screen.

System

♪ ***Note:*** *Entering the System menu causes any DVD or VCD that is playing to pause.*

Figure 35

System menu example



ENTER

3. Using the right (▶) and left (◀) arrow buttons, highlight one of the option categories (Stored CD, Audio, Video, Media Center, Remote Control, or DVD Lock).
4. Press **Enter** or the down (▼) arrow to select the option category.
5. Using the down (▼) and up (▲) arrow buttons, select the system option to change.
6. Press the right arrow (▶) button to see the system option settings.
7. Press the up (▲) or down (▼) arrow button to change the setting.
8. Press **Enter** or the left arrow (◀) button to save the setting.
9. Press **Exit** to leave the System menu.

Exit

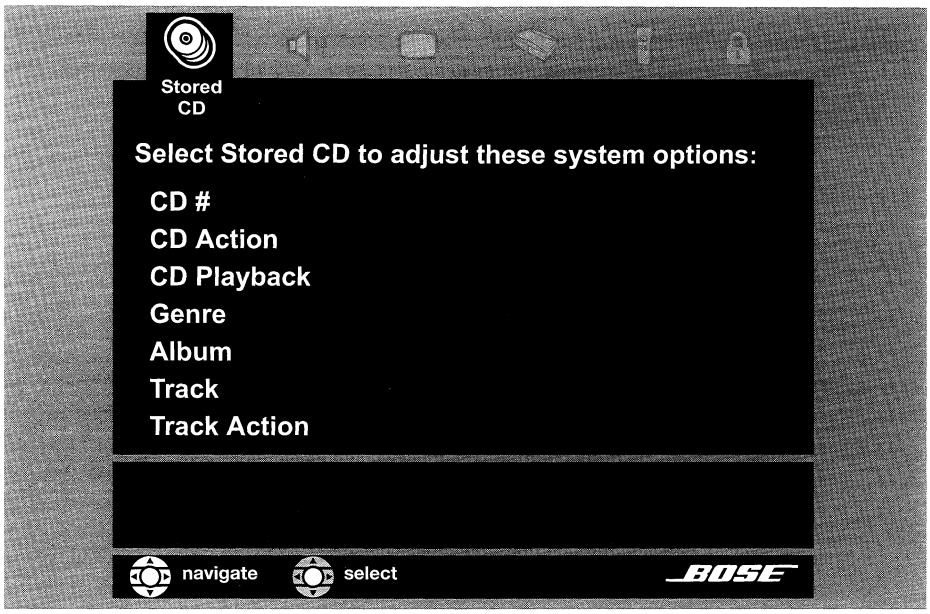
Stored CD options

Press **System** on the remote control. A preview of Stored CD features is displayed. Press the down arrow button to move into an active display of submenus.

♪ ***Note:*** *This choice is available from the System menu only when music from at least one CD has been stored in the system. For information on storing your music, refer to "Storing CDs" on page 39.*

Figure 36

Stored CD preview



Stored CD Options	*Settings*	*Description*
CD# (Indicator only)	1 [default] or selected CD number	Shows the settings for the CD with that number in the system. Changes when the CD selection changes; cannot be edited.
CD Action	Reload CD information [default] Delete CD	Replaces user edits with database information. Requires confirmation. Then removes all information related to this CD.
CD Playback	Automatic [default] Link all tracks Don't link all tracks	Plays linked tracks of a CD in order, such as movements of a symphony. Tracks play together and in order only. Tracks do not always play in order and together.

Stored CD Options	*Settings*	*Description*
Genre	Rock/Pop, Classical, Jazz, Electronica, World, Latin, Country, Hip Hop/Rap, Vocal Music, Gospel/Religious, Blues, Soundtrack, Folk/Bluegrass, New Age, Reggae, Easy Listening, Children, Spoken/Comedy, Holiday, Other, Unlabeled	Identifies the type of music on the CD. Reclassifies the CD as the selected music genre.
Album	*Specific to the CD.*	Displays an editing screen** on your TV which allows you to change album information.
Artist*	*Specific to the CD.*	Displays an editing screen** on your TV which allows you to change artist information.
File Artist As*	*Specific to the CD.*	Displays an editing screen** on your TV which allows you to change the way an artist's name is listed.
Track	*Specific to the CD.*	Allows you to select a track on the CD.
Track Action	Edit [default] Delete Track	Selecting **Edit** displays an editing screen on your TV. Displays a message asking you to confirm your selection. Upon confirming, the current track and all track information is deleted.

*Does not appear in every menu.

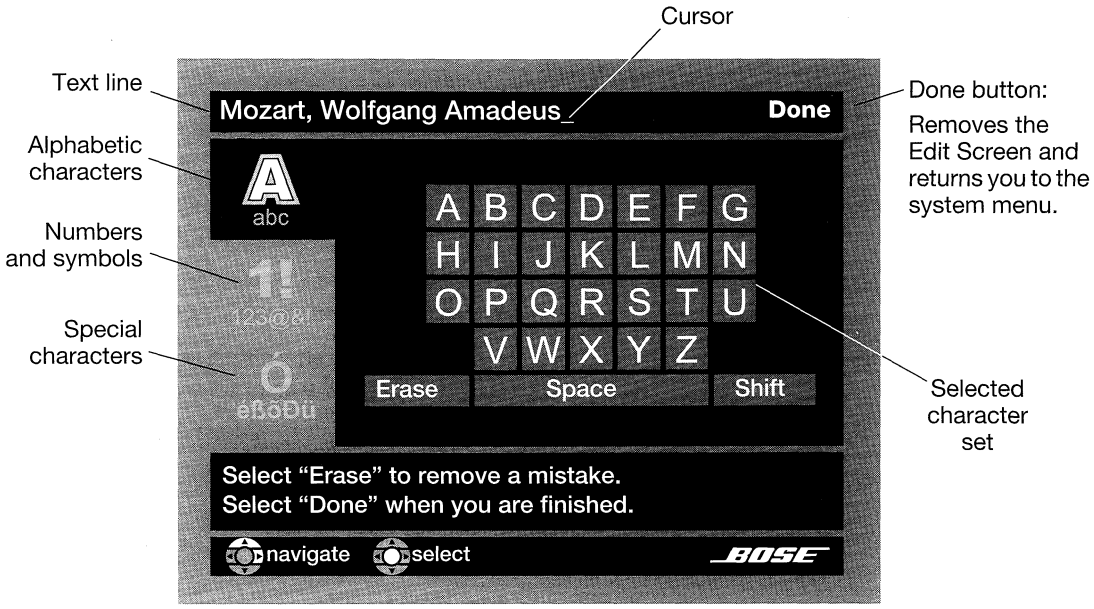
** See "Using the Edit Screen" on page 56.

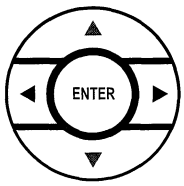
Using the Edit Screen

The Edit Screen (Figure 37) enables you to change or replace music information provided by the system. It appears when you select a menu item that can be edited from the Stored CD options (page 54) or the Library menu (page 46).

Figure 37

Edit Screen example





When you select a menu item that can be edited, the text appears in the text line of the Edit Screen. You can add to it or enter new text by selecting characters from the alphabetic, numeric, or special character sets. Use the remote control up, down, left and right arrows to select a character and press **Enter** to write it in the text line. When you are finished editing, select the **Done** button and press **Enter** to remove the Edit Screen.

To remove existing characters from the text line:

Characters are removed from right to left starting at the cursor.

1. Select **Erase.**
2. Press **Enter** to remove the last character in the text line.
3. Press **Enter** as often as needed to remove additional characters in that line.

To enter new text or add to existing text:

New characters are added starting at the cursor.

1. Move to a character and press **Enter.**
2. Move to the next character and press **Enter.**

To enter a space between words:

Spaces are entered to the right of the last character in the text line.

1. Select **Space** and press **Enter.**
2. Select the first character of your next word and press **Enter.**

To enter a capital letter:

The first letter of a new line of text is automatically capitalized. Lower case characters are entered after that unless you use the Shift function.

1. Select **Shift** and press **Enter.** Notice that the alphabetic character set is now all capital letters.
2. Select the next character and press **Enter.**
3. Select **Shift** and press **Enter** again if you want the next entered character to be lower case.

To enter a number or symbol:

1. Select the number and symbols character set.
2. Select the number or symbol you want and press **Enter.**

To enter a non-English special character:

1. Select the special characters set.
2. Select the special character(s) you want and press **Enter.**

To save the text:

- Select **Done** and press **Enter.**

To undo all edits you've made:

To undo changes you made to CD information, you can replace your changes with the original music information that came stored in your system.

1. Press **System** on the remote.
2. Select **CD Action.**
3. Select **Reload CD information** and press **Enter.**
4. Press **Exit.**

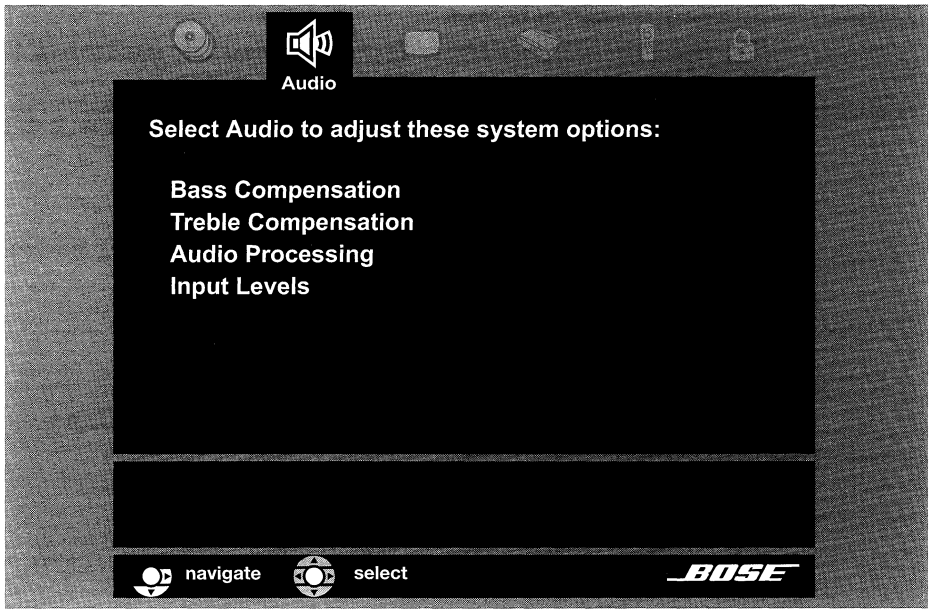
Audio options

The audio options affect the way the system sounds in your home.

♪ ***Note:*** *Listening to an audio source while you change audio options can be helpful. Some changes will be immediately noticeable and therefore useful in fine tuning your selections.*

Figure 38

Audio system options



	Settings	*Description*
Bass Compensation	0 [default] –14 to +14	Normal low-frequency reproduction. Decreased (–) or increased (+) low-frequency reproduction.
Treble Compensation	0 [default] –14 to +14	Normal high-frequency reproduction. Decreased (–) or increased (+) high-frequency reproduction.
Audio Processing	Automatic [default] User Adjustable	Standard Bose® processing applied. Processing options (Movie EQ, Range Compression, Mono Decoding) available in Source Settings menus.
Input Levels: **TV Analog Input Level** **TV Digital Input Level** **CBL/SAT Analog Input Level** **CBL/SAT Digital Input Level** **AUX Analog Input Level** **AUX Digital Input Level**	Normal [default] –6, –3, +3, +6	Standard signal level (loudness). Decreases or increases signal level (adjustable to match the levels of other audio devices). ***Note:*** *You may want to adjust the input levels of external audio devices so they match the system's internal FM and CD levels.*

Video options

The video options affect the way the picture looks on your TV.

Figure 39

Video system options

	Settings	*Description*
TV Aspect Ratio	Normal [default] Widescreen	4:3 ratio screen display. 16:9 ratio widescreen display.
Widescreen DVDs	Modified [default] Unmodified	Modified [default]. Unmodified.
Video Connector*	Composite + S-Video [default] Component	Identifies the type of video connection made on the back panel of the media center.
Video Format	NTSC [default] PAL	Correct for NTSC (US standard) monitors. Correct for PAL (European standard) monitors.
Video Black Level	Normal [default] Extended	Screen black level generally appropriate for TVs. Increases screen black level, appropriate for certain TVs.
Progressive Scan**	Off [default] On	Screen image repaints in standard style. Screen image repaints in advanced style (if available on the TV).

* A read-only item that indicates the connection detected automatically by the system.

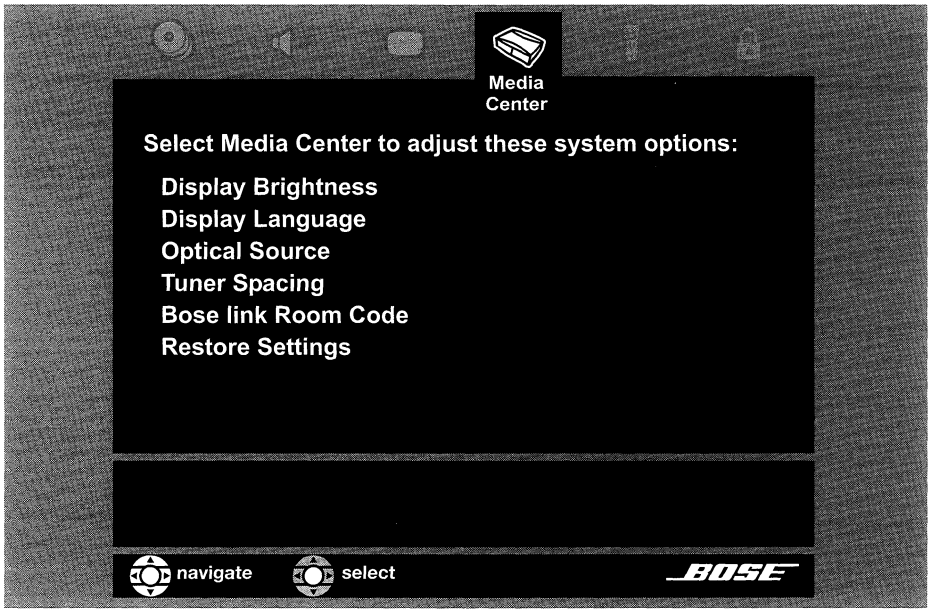
** Appears only when **Video Connector** is **Component** (NTSC only).

Media center options

The media center options affect the general operation of the system.

Figure 40

Media Center system options



	Settings	*Description*
Display Brightness	4 [default] 1 (darkest) to 4 (brightest)	Media center display lights with a mid-range brightness. Darkens or lightens the media center display.
Display Language	English [default] Dansk, Deutsch, Espanol, Francais, Italiano, Nederlands, Svenska	On-screen display menus appear in the selected language.
Optical Source	None [default] TV, CBL/SAT, AUX	No digital signal received via optical cable. Digital signal received via optical cable for selected source.
Tuner Spacing	US [default] European	Channel spacing for AM/FM radio stations set to selected region standard.
uMusic Preset	1 [default] 2, 3, 4, 5, 6, 7, 8, 9	The selected preset to which a uMusic Preset Action is applied.
uMusic Preset Action	Edit name Clear playlist Clear ratings	Opens an editing screen for naming or renaming the selected uMusic Preset. Removes all tracks from the system playlist. Removes all stored ratings associated with the selected uMusic Preset.
Bose link Room Code*	B [default] C, D, E, F, G, H, I, J, K, L, M, N, or O	Assigns a room code to your 3•2•1 *GSX* system when it is connected to a Bose® link source.
Restore Settings	No Yes	Maintains current system settings. Reverts system settings back to factory defaults.

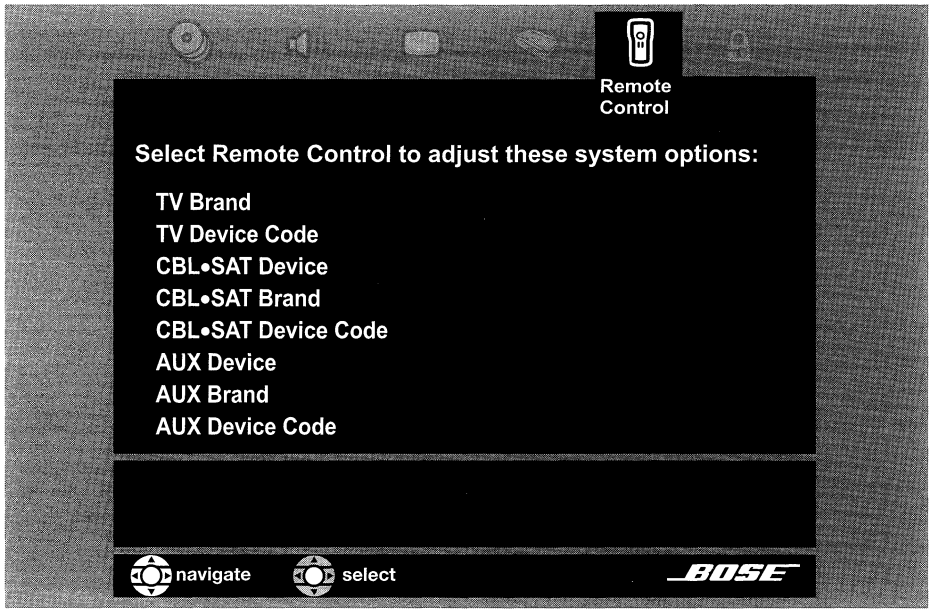
** Appears only when a Bose® link source is connected.

Remote control options

The Remote Control options help you set up your remote to control other audio devices that are connected to your system.

Figure 41

Remote Control system options



	Settings	*Description*
TV Brand	Brand name	Provides a list of TV brands for the 3•2•1 remote control to operate.
TV Device Code	Code number	Provides a list of available device codes for the selected TV brand.
CBL•SAT Device	Cable, Satellite	Identifies which of two devices is connected to the **CBL-SAT** input.
CBL•SAT Brand	Brand name	Provides a list of cable/satellite box brands for the 3•2•1 remote control to operate.
CBL•SAT Device Code	Code number	Provides a list of available device codes for the selected cable/satellite box brand.
AUX Device	VCR, PVR	Identifies which of two devices is connected to the **AUX** input.
AUX Brand	Brand name	Provides a list of VCR/PVR brands for the 3•2•1 remote control to operate.
AUX Device Code	Code number	Provides a list of available device codes for the selected VCR/PVR brand.

♪ ***Note:*** *To find the brand and device codes for each component that can be connected to, and controlled by the 3•2•1 GSX system, see "Device Codes" on page A-1.*

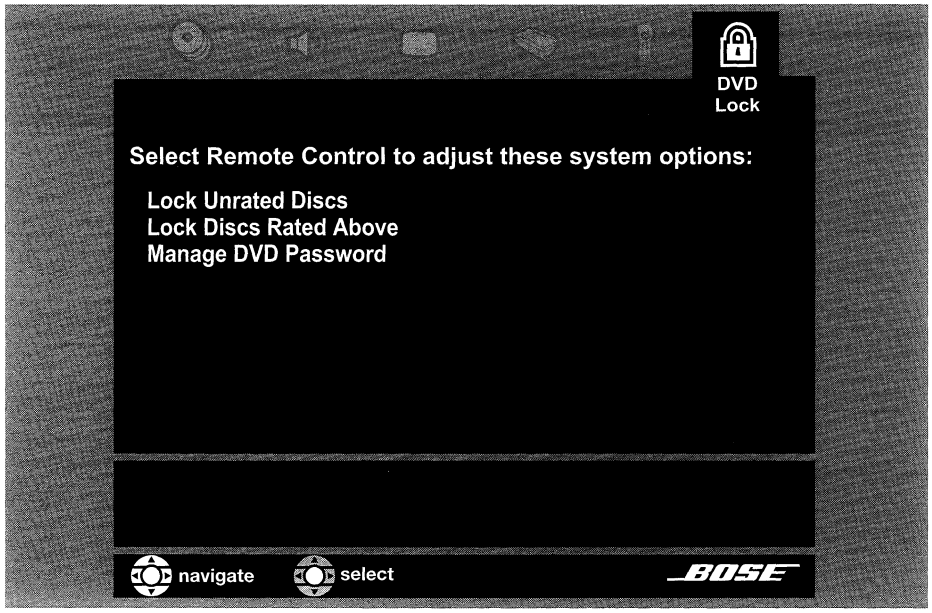
♪ ***Note:*** *After programming your remote to control external audio/video devices from the System menu, press the System button once to continue navigating the System menu.*

DVD Lock options

The DVD Lock options allow you to restrict viewing of DVD videos with certain ratings. To activate this feature, you need to set a level of restriction and establish a password in the DVD Lock section of the System menu.

Figure 42

DVD Lock system options



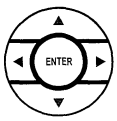
	Settings	Description
Lock Unrated Discs	Off On	No restriction applies to unrated DVD movies. Restricts viewing access to unrated titles when password is set.
Lock Discs Rated Above	1 to 8	Helps prevent viewing discs above the selected number when a password is created.
Manage DVD Password	_ _ _ _	Establishes a new four-number code to restrict access to movies with certain ratings.

Setting a password and restriction level

Your password will help prevent unauthorized viewing of DVD videos that have a higher rating than your restriction level. There are 8 levels to choose from, matched to movie ratings set by the Motion Picture Association of America (MPAA). See "Motion Picture Association of America (MPAA) rating system" on page 63.

1. Turn on your TV and select the correct TV input to view your 3•2•1 *GSX* system.

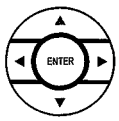
2. Press the **System** button on your 3•2•1 remote control.



3. Using the right (▶) and left (◀) arrow buttons, highlight the DVD Lock option.
4. Press **Enter** or the down (▼) arrow key.

♪ ***Note:*** *If you are using the DVD Lock option for the first time, enter a four-digit password. Then enter it again to confirm.*

5. Enter your four-digit password.



6. Using the down (▼) button, scroll down to Lock Discs Rated Above.

7. Press the right arrow (▶) button to see the available settings.

8. Press the up (▲) or down (▼) arrow button to find the rating you want.

9. Press **Enter** or the left arrow (◀) button to save the setting.

10. Press **Exit** to dismiss the Settings menu.

Motion Picture Association of America (MPAA) rating system

	MPAA Rating	*Audience Restriction*
8		None
7	NC-17	Adult audiences
6	R	Mature audiences
5		Mature teenage audiences
4	PG-13	Teenage audiences
3	PG	Mature young audiences
2		Most audiences
1	G	General

Example: Choosing a Parental Control Setting of 4, restricts access to videos rated above PG-13. Videos with ratings above that may be viewed only after entering the password.

Your password also helps prevent others from changing the restriction level setting without permission.

MAINTAINING YOUR SYSTEM

Cleaning

Cleaning the media center

- Use only a soft, dry cloth to clean the outside surfaces of the media center.
- Do not use any sprays near the system. Do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia, or abrasives.
- Do not allow liquids to spill into any openings.

Cleaning the speakers

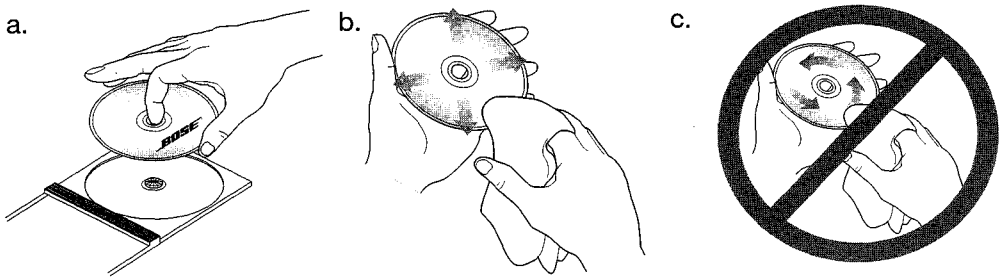
- Clean the surface of your speakers with a soft, damp cloth. You can use an ammonia-free window cleaner on a soft cloth to maintain the finish.
- Do not use any sprays near the speakers. Do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia, or abrasives.
- Do not allow liquids to spill into any openings.

Cleaning discs

- Handle discs by their edges to prevent fingerprints and scratches (Figure 43a).
- To remove stains or fingerprints from the surface of a disc, use a soft and dry lint-free, cloth. Wipe in straight movements from the center of the disc to the outside (Figure 43b). Do not use any chemical products; they can damage the disc.
- Do not use a circular motion to clean (Figure 43c).
- Do not write on or attach labels to the surface of a disc.
- To minimize exposure to dust and dirt, return discs to their cases after use. Store each disc in its case, away from direct sunlight, high temperatures, and humidity.

Figure 43

Disc care



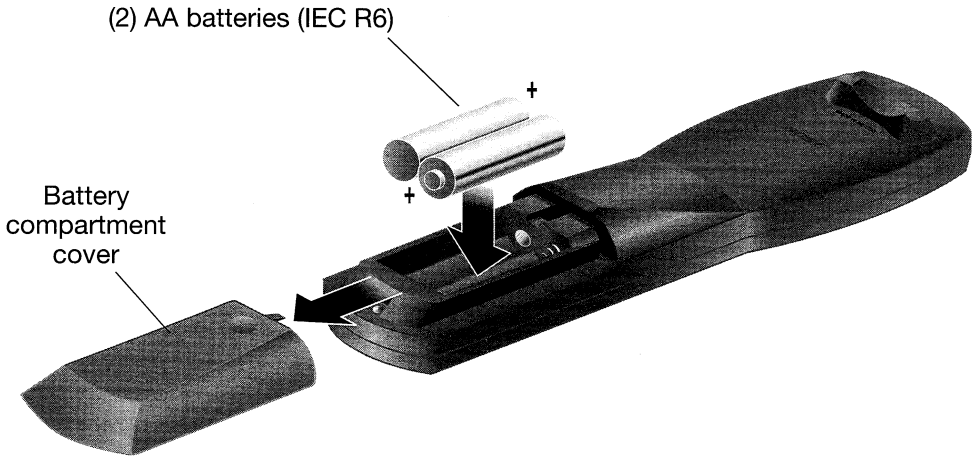
Replacing the remote control batteries

CAUTION: *Please dispose of used batteries properly, following any local regulations. Do not incinerate.*

- Slide open the battery compartment (Figure 44).
- Notice the polarity markings (+ and –) inside the compartment and install the batteries accordingly. Be sure to replace both batteries.
- Slide the battery compartment cover back into place.

Figure 44

Putting in the batteries



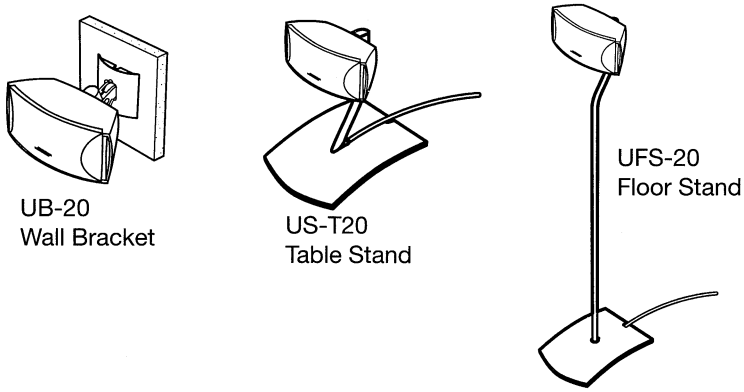
Accessories

The Bose® 3•2•1 *GSX* system shelf speakers are compatible with Bose mounting accessories, including the UB-20 wall brackets, UFS-20 floor stands and UTS-20 table stands (Figure 45). Bose also offers cable adapters for use in running speaker cable through walls.

For further information or to order the mounting brackets, stands, or cable adapters, contact your Bose dealer or Bose Corporation directly. Refer to the address sheet included in the shipping carton.

Figure 45

Speaker accessories



TROUBLESHOOTING

Troubleshooting table

Problem	*What to do*
System doesn't do anything	• Make sure the unit is turned on. Try pressing the remote **On-Off** button and the media center **On-Off** button. • Make sure the Acoustimass module cable is properly connected to the media center and the Acoustimass module. • Make sure the power cord is inserted securely into the Acoustimass® module and plugged firmly into an operating AC wall outlet. • Be sure to select a source (CD/DVD, AM/FM, etc.). • Unplug the Acoustimass module power cord from the outlet for one minute, then reconnect it. This allows the unit to reset itself. After reconnecting the power cord, wait for the message, "BOSE 3•2•1" to appear on the media center display.
Disc won't eject	• Turn off the unit. • Unplug the Acoustimass module power cord from the outlet for one minute, then reconnect it. This allows the unit to reset itself. • Before powering on, press and hold **Eject** on the media center.
No sound	• Increase the volume. • Check to see if **MUTE** is lit on the display. If it is, press the **Mute** button on the remote control to unmute the sound. • On the remote, press the button for the source you want to hear. If you previously selected a source by pressing the **Source** button on the media center, you cannot control the new source with the remote until you press the button for this new source on the remote. • Make sure the Acoustimass module cable and speaker cable are firmly seated in their respective jacks and the multi-pin connector on the other end is firmly seated in the Acoustimass module jack. • Check speaker connections. • Turn the media center off for 10 seconds, then on again. • Check the connections for any external audio devices. Be sure to select the correct source for the desired input. • Be sure the disc is placed correctly, label-side up, in the CD tray. • Connect the FM and AM antennas. • Unplug the Acoustimass module power cord from the outlet for a minute, then reconnect it. This allows the unit to reset itself. • If you are using an optical digital audio connection, make sure that the optical jack is correctly assigned in the System menu. • Make sure the volume is turned up on the TV. • Check input level settings for each connected device in the System menu.
Sound, but no picture	• Make sure the TV is on. • When playing a DVD or other video source, make sure the TV is set to the correct video input.
Remote control is inconsistent or does not work	• Check batteries and their polarity (+ and –). See "Replacing the remote control batteries" on page 65. • On the remote, press the button for the source you want to hear. If you previously selected a source by pressing the **Source** button on the media center, you cannot control the new source with the remote until you press the button for this new source on the remote. • Point the remote control at the media center.

Problem	*What to do*
Radio does not work or has poor reception	• Make sure antennas are connected properly. • Move AM antenna at least 20 inches (50 cm) from the media center. • Adjust antenna position to improve reception. • AM antenna must be upright. • Move antennas farther from TV or other electronic equipment. • You may be in an area of weak signal coverage.
DVD or CD does not play	• Check to see if the Play symbol in the display is lit. • After pressing the CD/DVD button, wait a few seconds before pressing **Play.** • Make sure the disc is properly inserted (label-side up). • Eject the disc and try loading it again. • There may be dirt or dust on the disc. Clean the disc. See "Cleaning discs" on page 64. • The disc may be defective. Try another disc. • Make sure region codes for both the DVD and player match. See "Check for region code compatibility" page 5.
FM sound is distorted	• Adjust antenna position to reduce interference.
Sound is distorted	• Make sure speaker cables are not damaged and the connections are secure. • Reduce the output level from any external audio devices connected to the music center. • Reduce the input level setting for the connected device in the system menu.
Picture is black and white or rolling	• Check the video cable connections. • Check the Video Format setting and change to appropriate setting (NTSC or PAL). See "Video options" on page 59.
Forgot your password	• Enter the password 2673 to unlock DVD access.
"NO LABEL" appears on the media center display when using the Stored CD source	• The uMusic system uses a catalog of music information to identify and classify the CDs you store. A recent CD release might not be in the catalog. To receive music information updates, be sure to register your system. • Manually enter information using the edit screen (page 56).
"BUSY PROCESSING CDs" appears on the media center display and it won't let me store any more CDs	• When you store a CD, the tracks are first placed in a holding area which can hold up to 10 CDs. This message appears if this holding area is full. Wait 30 minutes and try again.

Customer service

For additional help in solving problems, contact Bose® Customer Service. Refer to the address list included in the carton.

TECHNICAL INFORMATION

Power rating

USA/Canada: 120V~ 50/60Hz 300W

International: 220-240V~ 50/60Hz 300W

Dual voltage: 115/230V~ 50/60Hz 300W

Audio inputs

AUX – Left, Right (analog); **D** (digital)

CBL-SAT – L, R (analog); **D** (digital)

TV – L, R (analog); **D** (digital)

Optical – SPDIF digital, mapped to input

Audio outputs

Acoustimass® Module – SPDIF

Video inputs

C (composite) – NTSC or PAL format

S-Video

Video outputs

C (composite) – NTSC or PAL format

S-Video

Component Y, Pb, Pr

Antennas

FM 75Ω – external FM antenna

AM – external AM antenna

Maximum ambient temperature

104°F (45°C)

Dimensions

Media center: 3¼"H x 13¾"W x 10"D
(8.3 cm x 34.9 cm x 25.4 cm)

Remote control: 1⅛"H x 2½"W x 9"D
(3.0 cm x 6.5 cm x 22.9 cm)

3•2•1 *GSX* speakers: 2½"H x 5½"W x 4"D
(6.4 cm x 14 cm x 10.5 cm)

Acoustimass module: 14½"H x 8¾"W x 19⅛"D
(36.7 cm x 22.2 cm x 48.5 cm)

Weights

Media center: 6.7 lb (3.0 kg)

GSX speakers: 1 lb (.45 kg) each

Acoustimass module: 23.3 lb (10.6 kg)

Finish

Media center: polymer

Speakers: polymer

Acoustimass module: polymer

END USER LICENSE AGREEMENT

IMPORTANT: READ CAREFULLY: This End User License Agreement ("EULA") is a legal agreement between you, the End User ("End User" or "You"), and Bose Corporation ("Bose") governing your use of the technology and software and data and data content belonging to Bose, its vendors and licensors ("Technology"), that is contained in this audio/video device ("System"). By tearing open the protective wrapping on this System, you are agreeing to be bound by the terms of this EULA. In the event you disagree with any of the terms contained herein, DO NOT UNWRAP THIS SYSTEM. Return the sealed System to Bose Corporation for a full refund.

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YOU ACKNOWLEDGE THAT YOU HAVE READ AND UNDERSTAND THIS AGREEMENT AND AGREE TO BE BOUND BY ITS TERMS. YOU FURTHER AGREE THAT THIS AGREEMENT IS THE COMPLETE AND EXCLUSIVE STATEMENT OF THE AGREEMENT BETWEEN YOU AND BOSE AND SUPERCEDES ANY PROPOSAL OR PRIOR AGREEMENT, ORAL OR WRITTEN, AND ANY OTHER COMMUNICATIONS RELATING TO THE SUBJECT MATTER OF THIS AGREEMENT.

Cable box device codes

ABC	0003, 0008, 0014, 0007, 0013, 0047, 0011, 0017, 0001
ADB	1063
Ajinvision	1271
Alcate	0896, 0897
Allegro	0315, 0153
Americast	0899
Antronix	0022
Anvision	0211, 0111
Archer	0797, 0153, 0022
Belcor	0056
Bell & Howell	0014
Bell South	0899
Bestlink	0303
Birmingham Cable Communications	0276
British Telecom	0003, 0105
Cable & Wireless	1068
Cable Star	0056
Cabletenna	0022
Cabletime	0448, 0377, 0271, 0665
Cableview	0022
Century	0153
Citizen	0315, 0153
Colour Voice	0025
Comtec	0274
Comtronics	0060, 0040
Contec	0019
Cryptovision	0600
Daehan	0778
Daeryung	0877, 1877, 0477, 0008, 0277
Decsat	0423
Director	0476
Eastern	0418, 0274, 0002
Electricord	0078
Emerson	0797
Everquest	0015, 0040
Filmnet	0443
Focus	0400
France Telecom	0897, 0896, 0451
Funai	0019, 0248
Garrard	0153
GC Electronics	0056
Gemini	0070, 0057, 0797, 0015, 0242
General Instrument	0476, 0810, 0276, 0003, 0014, 0015, 0011, 0098
GHZ	0078
GMI	0057, 0015, 0797, 0069
Golden Channel	1063, 1110
GoldStar	0144, 0040, 0838
Goodmind	0797
Grundig	0529
Hamlin	0009, 0273, 0259, 0034, 0020
Hitachi	0014, 0011, 0255
Hwalin	0303
HyperVision	0619
Hytex	0007
IEEC	1018
Jasco	0015, 0315, 0153
Jebsee	0400
Jerrold	0476, 0810, 0276, 0003, 0012, 0014, 0098, 0047, 0011, 0015
Leon	0069, 0015
LG	0144, 0040, 0838, 0779
Magnavox	0069
Memorex	0000
MNET	0443, 0019
Motorola	0476, 0810, 0276, 1254, 1106
Movie Time	0063, 0078
Mr. Zap	1112
MS	0015, 1018, 0303, 0069
NET	0274
Noos	0817
Now	0776
NSC	0063, 0070
NTL	1068
Oak	0007, 0248, 0019
Ono	1068
Optimus	0021
Pace	0237, 1060, 1068
Pacific	0678
Pacific Bell	0843
Panasonic	0000, 0008, 0107, 0040, 0021
Paragon	0000
Philips	0305, 0317, 0652, 0013, 0069, 0211, 0290, 0619, 0060, 0153, 0255, 0025, 0111, 0242
Pioneer	0877, 1877, 0144, 0533, 1021
Popular Mechanics	0400
Pulsar	0000
PVP Stereo Visual Matrix	0003
Quasar	0000
RadioShack	0315, 0303, 0883, 0015, 0797
Rampage	0255
RCA	0021, 0843
Recoton	0400
Regal	0279, 0273, 0020, 0259
Regency	0002
Rembrandt	0070, 0011
Runco	0000
Sagem	0817
Samsung	0000, 0144, 0702, 0070, 0840, 0040
Scientific Atlanta	0877, 1877, 0477, 0008, 0006, 0277, 0017
Seawoo	0073, 0780
Sharp	0313
Signal	0015, 0040
Signature	0011
SL Marx	0040
Sony	1006
Sprucer	0021
Starcom	0003, 0014, 0098, 0047, 0015
Stargate	0797, 0040, 0015
Starquest	0015
Storm	1018
Supercable	0276
Sylvania	0001
Tadiran	0040
Tae Kwang	0068
Taepyung	0678
Taihan	0778
Tandy	0258
Teac	1018
Tele+1	0443
Teleview	0040
Telewest	1068

Cable box device codes

Texscan	0001
Thomson	1110
Timeless	0040, 0418, 0274
Tocom	0012, 0013
TongKook	0840, 0777
TopStone	1355
Torx	0003
Toshiba	0000
Trans PX	0276, 0153, 0315, 0303
TS	0003, 0303, 0255, 1018
Tudi	0286
Tusa	0015
TV86	0063
UBS	0073
Unika	0153, 0022
United Artists	0007
United Cable	0003
Universal	0022, 0153, 0078, 0056, 0191
Videoway	0250
Viewmaster	0883
Viewstar	0111, 0063, 0258, 0060, 0211
Visionetics	1064
Westminster	0105, 0716
Wiso	0078
Zenith	0000, 0525, 0899
Zentek	0400

Satellite box device codes

ABsat	0832, 0123
Akai	0515
Alba	0455, 0421, 0613, 0515
Aldes	0288
AlphaStar	0772
Amstrad	0847, 0338, 0501, 0811, 0252, 0461, 0689, 1113, 0345, 0675
Ankaro	0288, 0713, 0220, 0519, 0369, 1094
Anttron	0421, 0183
Arcon	1043, 0834, 0368, 1205
Armstrong	0243
AST	0351, 0321
Aston	1129, 0142
Astra	0108
Astro	0501, 0358, 0548, 0173, 0520
Audioton	0364
Avalon	0396
Axis	0530, 0369, 0834
Best	0369
Blaupunkt	0173
Boca	0243, 0829, 0513
Brain Wave	0332
British Sky Broadcasting	1175, 0847
BT	0515, 0710, 0668
Bush	0067, 0522
Cambridge	0515
Canal Digital	0853
Canal Satellite	0853
Canal+	0853
Chaparral	0216, 0053
CityCom	1176, 0818, 0115
Clark	0811
CNT	0520
Commlink	0288
Connexions	0396
Conrad	0607, 0115, 0809
Crossdigital	1109
Crown	0243
D-box	1127, 0873, 0723
Dae Young	0735
Daeryung	0396
Digenius	0299
DirecTV	2001, 0392, 0566, 2002, 0639, 1142, 0247, 0749, 1749, 0724, 0819, 1856, 1076, 1109, 0099
Dish Network System	1005, 2005, 0775, 2003, 1170, 2011
Dishpro	1005, 2005, 0775, 2003
Distratel	0084, 0885
DMT	1075
DNT	0396
DX Antenna	0752
Dynasat	0679
Echostar	2005, 1005, 2003, 0775, 1169, 0280, 0453, 0610, 0853, 1086, 0167, 0396, 0511, 1170, 0312, 2011, 0454, 0713, 0871
EIF	0674, 0417
Elta	0364
Emanon	0421
Engel	0450, 1017
Eurodec	0526
Eurostar	0679, 1026, 1025
Expressvu	2003, 0775
Ferguson	0336, 0183, 0067, 0711
Fidelity	0675, 0252, 0811
Finlux	0397, 0108, 0455, 0414
Force NO AS	1101
Foxtel	0879
Fracarro	0871
Freecom	0421, 0335
Fresat	0885
FTE	0811, 0331, 0863
Fuba	0369, 0417, 0172, 0414, 0396, 0421
Funai	0338
G-Sat	0183
Galaxis	0656, 0834, 1111, 0364, 0833, 1101, 0288, 0813, 0863, 0283
Galaxisat	0321
Gardiner	0818

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GE	0566
General Instrument	0869
GOI	2003, 0775
Gold Box	0853
GoldStar	0335
Gooding	0571
Goodmans	1246
Gradiente	2004, 0887
Grothusen	0335
Grundig	0173, 0805, 0140, 0750, 1150, 0139, 0571, 0847
HDT	1011, 1159
Hinari	0183
Hirschmann	0396, 0495, 0573, 0173, 0398, 0502, 1085, 0397, 0501, 0882
Hitachi	0819, 0455, 0491, 0489, 1250
Homecable	0238
Houston	0668
HTS	0775, 2003
Hughes Network Systems	1142, 0749, 1749
Humax	0863, 0283, 1176, 1048
Hung Chang	0732
Huth	0388, 0794, 0288, 0368, 0589, 0243, 0364, 0517, 0220, 0346
Hwalin	0885
Hyundai	1011, 0758, 1159
IEEC	0605
Ikusi Allsat	0368
Indovision	2004, 0887
Innova	0099
Intertronic	0631
Intervision	0592
InVideo	0871
IQ	0210
IQ Prism	0210
IRTE	0816, 0609
ISkyB	2004, 0887
ITT	0108, 0172
JiWon	0364
Johansson	0332
JOK	0710
JSR	0364
JVC	2003, 0775, 0571, 0492, 0515, 1170, 0506, 2011, 0505
Kabil	0737
Kathrein	0658, 0092, 0249, 0442, 0622, 1224, 0173, 0358, 0553, 1057, 0123, 0331, 0480
KeyWest	0794
Kosmos	0335, 0331
Kreiselmeyer	0173
Kuang Yu	0635
Kyostar	0421
L&S Electronic	1043
LaSAT	0607, 0520, 0513
Lenco	0450, 0421, 0335
Lennox	0592
LG	1226, 0461, 0335
Lifesat	1122
Logix	1017
Lorenzen	0299
Lupus	0369
Luxor	0172, 0108, 0573
Macab	0586, 0179
Magnavox	0724, 0722
Manhattan	0520, 1017, 0455, 0765, 0592, 1083
Maspro	0336, 0092, 0750, 0495
Matsui	0571
Matsushita	0500, 0340
Mediamarkt	0243
MediaSat	0853
Memorex	0724
Metronic	0713, 0084, 1215
Micronik	1003
Minerva	0571
Mitsubishi	0749, 0491
Morgan's	0132, 0683, 0513, 1103, 0243, 0829
Motorola	0869
Multichoice	0879, 0642
Multistar	0331
Muratto	0335
Navex	0332
NEC	0499, 1270, 0496, 0508, 0507
Netsat	0099, 2004, 0887
Neuhaus	0501, 0220
Neusat	0692, 0834
Next Level	0869
NextWave	0732
Nikko	0713
Nokia	0397, 0723, 1023, 0172, 0573, 0873, 0108, 0455, 0751, 1127
Now	0757
Oceanic	0586
OctalTV	2005, 1005
Orbit	1022
Orbitech	0501, 1100
Origo	0498
Orion	0522
Pace	1175, 0241, 0497, 0795, 0887, 0183, 0455, 0791, 0867, 2004, 0067, 0336, 0720, 0847
Palladium	0571
Palsat	0501
Panarex	1159
Panasat	0879, 0615
Panasonic	0247, 0701, 0500, 0847, 0340, 0739, 1104
Panda	0455
Pansat	1159
Pantech	0747
Paysat	0724
Philips	1142, 0749, 1749, 0724, 1076, 0722, 0099, 0133, 0571, 0853, 1118, 0455, 0710, 0805, 0292, 0667, 0750, 0898
Phonotrend	0592, 0288, 1124
Pioneer	0352, 0329, 0853, 0662
Pixx	0552
Plasmatic	0442
Praxis	1123
Preisner	0132, 0513
Promax	0455
Prosat	0288
Proscan	0392, 2001, 0566
ProVision	0118
Pyxis	0831
Quadral	0628, 0519
RadioShack	0869
Radix	0882, 0396, 1255, 1113

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RCA	2001, 0392, 0566, 0855, 0143
Realistic	0052
RFT	0288, 0220
Saba	0690, 0520, 0885, 0336, 0710
Sabre	0455
Sagem	1253, 1114, 0820
Salora	0172, 0108
Samsung	1276, 1109, 1017, 0773, 1243
Sanyo	1219, 0493
SAT	0321, 0461, 0351
Satcom	0346, 0605
Satec	0183
Satmaster	0346
SatPartner	0502, 0811, 0421, 0692, 0335, 0520, 0332
Satplus	1009
Satstation	1083
Schneider	0805
Schwaiger	0552, 0183, 0116, 1111
Seemann	0530, 0396
SEG	1087, 0742, 0421, 0369
Sharp	0494
Siemens	0683, 0173
SKY	0856, 0099, 2004, 0847, 1175, 0887
Sky Television	1014
Skylife	1255
Skymaster	0628, 1062, 0240, 0605, 0880, 0519, 0713, 0288
SM Electronic	0713, 0240, 0157, 1200
Smallear	1103
Smart	0132
Sony	2002, 0639, 1639, 0294, 0847, 0278, 0661
Star	2004, 0887
Star Choice	0869
Star Trak	0421
Starland	1122
Strong	0125, 0421, 1105, 0354, 1088, 0132, 0879, 1159
STS	0210
STVI	0417
Sunstar	0513, 0794
Supernova	2004, 0887
Tada	0368
Tae Kwang	0733
Tantec	0336, 0455
Techniland	0346
TechniSat	0005, 1099, 0548, 1195, 0501, 1100
Telefunken	0421
Teleka	0243, 0613
Telesat	0605
Telestar	0114, 1100, 0501, 0157
Televisa	2004, 0887
Thomson	0455, 1012, 0853, 0711, 1046
Thorens	0586
Tonna	0668, 0346
Topfield	1206
Toshiba	0749, 1749, 0790, 0486, 1285, 0082
TPS	1253, 0820
Triad	0351, 0335, 0321
Triasat	0501, 0414
Triax	0115
Twinner	0136
UltimateTV	2001, 0392, 0639, 2002
Uniden	0724, 0722, 0074, 0052, 0238, 0831
Unitor	0332
Universum	0173, 0571
Victor	0506, 0505, 0492
Visiosat	1042
Vortec	0631, 0421
VTech	0690, 0351, 0321
Winersat	1045, 0332
Wisi	0638, 0173, 0372, 0455, 0351, 0406, 0690, 0321, 0396
Xsat	0123
Yes	0887, 2004
Zehnder	0321, 0552, 0114, 0520, 1075, 0331, 0818
Zenith	0856, 1856, 0635
Zodiac	0396
Zwergnase	0794

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A-Mark	0003
Abex	0032
Acura	0009
Addison	0653, 0108
Admiral	0093, 0087, 0163
Advent	0783, 1933, 0817, 0815
Adventura	0046
Adyson	0217, 0032
AGB	0516
Aiwa	1914, 1910, 1916, 0701, 1915
Akai	1537, 0009, 0351, 0516, 0708, 0218, 0448, 0696, 0208, 0361, 0602
Akito	0272
Akura	0264, 0218, 0493, 0358
Alaron	0179, 0216
Alba	0668, 0036, 0218, 0581, 0009, 0211, 0371, 0037, 0235
Albatron	0700
Allorgan	0294
Ambassador	0177
Amplivision	0400, 0217
Amstrad	0171, 0009, 0177, 0412, 0371, 0516, 0037, 0354, 0433

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Anam	0250, 0009, 0700, 0003, 0628
Anam National	0250, 0650, 0055
Anitech	0009
AOC	0451, 0093, 0178, 0179, 0009, 0052, 0003, 0019, 0108, 0185, 0018
Apex Digital	1943
Arcam	0217, 0216
Archer	0003
ASA	0104, 0087
Asuka	0218
Atlantic	0206
Audiosonic	0109, 0037
Audiovox	0451, 0003
Autovox	0206, 0087, 0544, 0336
Awa	0009, 0157
Axion	1937
Baird	0343
Bang & Olufsen	0565, 0087
Barco	0380, 0552
Basic Line	0218, 0009
Baur	0361, 0535, 0349, 0512, 0554, 0037, 0505, 0544, 0010
Beaumark	0178
Beko	0714, 0486, 0370, 0715
Belcor	0019
Bell & Howell	0016
Beon	0037
Binatone	0217
Blaupunkt	0195, 0328, 0191, 0327, 0554, 0200, 0535
Blue Sky	0218, 1037, 0668
Blue Star	0282
Bondstec	0247
Boots	0217
BPL	0282
Brandt	0205, 0198, 0196, 0335, 0109
Brionvega	0559, 0087
Britannia	0216
Brockwood	0019
Broksonic	0003, 1929, 1911, 1938, 1905, 1935
Bruns	0087
BSR	0294
BTC	0218
Bush	0036, 0698, 0218, 0294, 0363, 0519, 0009, 0668, 0211, 1900, 0282, 0355, 0374, 0581, 0037, 1037, 0272, 0349, 0371, 0552
Candle	0046, 0186, 0056
Carrefour	0036
Carver	0170
Cascade	0009
Cathay	0037
CCE	0217, 0037
Celebrity	0000
Centurion	0037
Century	0087
CGE	0084, 0552, 0074, 0306, 0247
Ching Tai	0179, 0009, 0003
Chun Yun	0000, 0009, 0700, 0003, 0179, 0033
Chung Hsin	0053, 0108, 0036, 0033
Cimline	0009
Cineral	0451
Citizen	0039, 0186, 0056, 1928, 0046, 0280
Clairtone	0185
Clarivox	0037
Clatronic	0370, 0247
Clayton	0385
Colt	1906
Concerto	0056
Condor	0320, 0370
Contec	0036, 0216, 0009, 0185, 0157
Continental Edison	0205, 0198, 0196, 0399
Crosley	0084, 0074, 0087
Crown	0039, 0579, 0037, 0418, 0009, 0370
CS Electronics	0414, 0216
CTC	0247
Curtis Mathes	0451, 0093, 0145, 0166, 0056, 1919, 0039, 0466, 0016
Cybertron	0218
Daewoo	0451, 0178, 0700, 0019, 1921, 0039, 0170, 0634, 0009, 1909, 0037, 0108, 0374, 0628, 0003, 1902, 0032, 1928, 0056, 0499
Dainichi	0218
Dansai	0037
Dayton	0009
Daytron	0019
De Graaf	0208, 0548, 0363, 0227
Decca	0249, 0244, 0516, 0072, 0272, 0037
Denon	0145
Digatron	0037
Dixi	0037, 0009
Dual	0544, 0519, 0336
Dual Tec	0217
Dumont	0070, 0019, 0087
ECE	0037
Elbe	0259
Electroband	0000, 0185
Electrohome	0381
Elin	0037, 0548
Elite	0320, 0218
Elta	0009
Emerson	0178, 0171, 0185, 0361, 1911, 0038, 1944, 0179, 0282, 1909, 0019, 1929, 0087, 0280, 1905, 1928, 0039, 0177
Erres	0037, 0012
Ether	0003, 0009
Etron	0009
Europhon	0516
Expert	0206
Ferguson	0109, 0238, 0343, 0073, 0193, 0335, 0037, 0190, 0324, 0560
Fidelity	0544, 0216, 0432, 0193, 0363, 0361
Finlandia	0359, 0346, 0208, 0363
Finlux	0070, 0104, 0346, 0037, 0087, 0179, 0516, 0072, 0105, 0411
Firstar	0033, 0009
Firstline	0217, 0321, 0216, 0294, 0009, 0247, 0668
Fisher	0159, 0303, 0555, 0104, 0217, 0544, 0208, 0370
Flint	0455
Forgestone	0193
Formenti	0087, 0037, 0552, 0320
Fortress	0093

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Frontech	0264, 0448, 0247, 0414, 0163, 0363
Fujitsu	0206, 0186, 0179, 0683, 0072
Funai	0171, 0179, 0303, 0294, 0264, 1904
GBC	0552
GE	0451, 0178, 0560, 1919, 0021, 0135, 1917, 0055, 0282, 1907, 1922, 0027
GEC	0043, 0217, 0037, 0205, 0072, 0516
Geloso	0009
General	0186, 0590
Genexxa	0218, 0163
Gibralter	0019
Gintai	0354
GoldStar	0178, 0019, 0039, 0363, 0001, 0037, 0109, 0290, 1926, 0032, 0056, 0217, 0377
Goodmans	0037, 0217, 0371, 0634, 0036, 0179, 0343, 0499, 1909, 0072, 0235, 0374, 1900
Gorenje	0370
GPM	0218
Gradiente	0053, 0170, 0056
Graetz	0361, 0163
Granada	0037, 0146, 0217, 0359, 0072, 0208, 0351, 0516, 0045, 0201, 0339, 0363
Grandin	0610, 0282
Grundig	0706, 0191, 0487, 0556, 1935, 0070, 0205, 0554, 0037, 0195, 0535, 0587
Grunpy	0179
Haier	0768
Hallmark	0178
Hanimex	1908
Hankook	0178, 0019, 0628, 0056
Hanseatic	0361, 0556, 0320, 0544, 0037, 0428
Hantarex	0516
Harley Davidson	1904, 0179, 0043
Havermy	0093
HCM	0282, 0009, 0412
Hello Kitty	0451
Hinari	0009, 0179, 0037, 0036, 0218
Hisawa	0400, 0282, 0455
Hinari	1908
Hitachi	0178, 0145, 0019, 0563, 0036, 0196, 0730, 0043, 0225, 1904, 0105, 0349, 0151, 0381, 0016, 0165, 0548, 0032, 0186, 0719, 0039, 0217, 1225, 0056, 0306, 0363, 0009, 0163, 0481, 0027, 0179, 0578, 0038, 0198, 1037, 0044, 0227, 0109, 0356, 0157, 0441
Hua Tun	0009
Huanyu	0374, 0216
Hypson	0282, 0264, 0037
ICE	0371, 0264, 0217
ICeS	0218
Imperial	0247, 0552, 0084, 0418, 0074, 0370, 0630
Indiana	0037
Ingelen	0163
Inno Hit	0516, 0072
Innova	0037
Interfunk	0361, 0247, 0163, 0512, 0037
Intervision	0102, 0377, 0037, 0264, 0217
IR	0074
IRT	0628
Isukai	0218
ITC	0552
ITS	0371
ITT	0548, 0163, 0544, 0361, 0351
Janeil	0046
JCB	0000
Jean	0003, 0179, 0009
Jensen	0815, 1933, 0817
JVC	0053, 0653, 0036, 0190, 0606, 1923, 0094, 0371, 0683, 0192
Kaisui	0009, 0218, 0217, 0216, 0282
Kamp	0216
Kapsch	0163, 0206
Karcher	0610
Kathrein	0556
Kawasho	0216
Kaypani	0052
Kendo	0235, 0037
Kennedy	0552
Kenwood	0019
Kingsley	0216
Kioto	0706
Kloss	0046, 0024
Kneissel	0435, 0259
Kolin	0053, 0033, 0108, 0036
Konka	0703, 1940, 0638, 1939, 0632, 0707, 0628
Korpel	0037
Korting	0087
Koyoda	0009
KTV	0217, 0185, 0039, 0280
Lenco	0585
Leyco	0037, 0294, 0264, 0072
LG	0178, 0001, 0032, 0056, 0644, 1934, 0019, 0038, 0714, 0003, 0037, 0108, 0700
Liesenk & Tter	0037
Lloyd's	1904
Lloytron	0032
Loewe	0087, 0512
Logik	0016, 0001
Luma	0363, 0206
Luxman	0056
Luxor	0356, 0349, 0363, 0194, 0361
LXI	0178
M Electronic	0104, 0163, 0374, 0057, 0109, 0346, 0037, 0105, 0217, 0480, 0009
Magnadyne	0102, 0544, 0087, 0516, 0247
Magnafon	0516, 0102
Magnasonic	1928, 1913
Magnavox	0706, 0036, 0186, 1931, 0024, 0179, 0386, 1913, 0020, 0096, 0187, 1904
Magnin	1907
Magnum	0648
Majestic	0016
Manesth	0217, 0320, 0264, 0235
Marantz	0556, 0037, 0854
Marelli	0087

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Mark	0037
Matsui	0211, 0272, 0355, 0011, 0443, 0037, 0544, 0208, 0235, 0354, 0009, 0371, 0036, 0516, 0177, 0217, 0294, 0363, 0035, 0487, 0072, 0579
Matsushita	0250, 0650
McMichael	0043
Mediator	0037, 0012
Medion	0668, 1037
Megatron	0178, 0145, 0003
MEI	0185
Memorex	0250, 0178, 1920, 1927, 0009, 0179, 1911, 1926, 1037, 1924, 0016
Memphis	0337
Mercury	0001
Metz	0087, 0388, 0367, 0535, 0275, 0447
MGA	0178, 0019, 1907
Midland	0039, 0032, 0135
Minerva	0487, 0070, 0554, 0535
Minoka	0412
Minutz	0021
Mirror	1900
Mitsubishi	0250, 0093, 0178, 0381, 0019, 1917, 0056, 0108, 0201, 0358, 0535, 0036, 0179, 0354, 0512, 0033, 0087
Mivar	0291, 0609, 0290, 0516, 0216, 0292
Monivision	0700
Motorola	0093, 0055
MTC	0019, 0216, 0185, 0512, 0056, 0349
Multitech	0009, 0217, 0216, 0102, 0363
Myryad	0556
NAD	0178, 0361
National	0226
NEC	0178, 0019, 0056, 0455, 0009, 0046, 0170, 0381, 0036, 0165, 0186, 0704
Neckermann	0191, 0505, 0087, 0363, 0556, 0037, 0349, 0554
NEI	0037, 0337
Nesco	0414, 0179
Netsat	0037
Newave	0093, 0178, 0009
Nicam	0544
Nicamagic	0216
Nikkai	0032, 0072, 0264, 0037, 0218, 0035, 0216, 0337
Nikko	0178
Nobliko	0102
Nokia	1912, 0480, 0631, 0473, 0606, 0361, 0548
Nordmende	0198, 0196, 0560, 0109, 0343
Noshi	0018
Oceanic	0567, 0361, 0163
Onking	0280
Onwa	0433
Optimus	0250, 0166, 1924, 1913, 0650, 1927
Optonica	0093, 0165
Orion	1905, 0179, 0320, 0443, 0655, 1929, 0177, 0294, 0355, 0544, 1911, 0037, 0235, 0321, 0516
Osaki	0032, 0218, 0493, 0217, 0412, 0072, 0264
Oso	0218
Osume	0072, 0032, 0157
Otto Versand	0037, 0320, 0505, 0552, 0036, 0217, 0349, 0535, 0556, 0010, 0191, 0343, 0512, 0554
Palladium	0363, 0418, 0370
Panama	0264, 0217
Panasonic	0250, 1930, 0126, 1947, 0226, 0340, 1650, 1927, 0055, 1946, 0214, 0274, 0650, 1924, 0037, 1941, 0163, 0367, 1919
Pathe Cinema	0320, 0238, 0216, 0552
Pathe Marconi	0198, 0196, 0205
Pausa	0009
Penney	0178, 0027, 0135, 1919, 0003, 0021, 0039, 1907, 0019, 0032, 1926, 0018
Perdio	0320
Phase	0032
Philco	0178, 0145, 0084, 0247, 1911, 0032, 0074, 0096, 0186, 0628, 0020, 0056, 0087, 0552, 0019, 0037
Philex	0351
Philips	0000, 0178, 0024, 0043, 0108, 0187, 0012, 0554, 0020, 0037, 0087, 0186, 0374, 0019, 0032, 0056, 0193, 0013, 0556
Phoenix	0087
Phonola	0013, 0012, 0087, 0037
Pilot	0019, 0039
Pioneer	0166, 0109, 0423, 0038, 0163
Polytron	0697
Portland	0039, 0019
Prandoni-Prince	0516
Prima	0817, 0815, 0783, 1933
Princeton	0700
Profex	0009, 0363, 0361
Proline	0321
Proscan	1922
Protech	0552, 0037, 0247, 0418, 0009, 0217, 0337, 0668, 0102, 0264
Proton	0178, 0003, 0052, 0644, 0001, 0039, 0466, 0009
Pulsar	0019
Pye	0037, 0012
Quasar	0250, 0650, 1924, 0165, 1919, 0055
Quelle	0512, 0010, 0552, 0070, 0104, 0327, 0505, 0544, 0037, 0084, 0306, 0361, 0535, 0011, 0554, 0074, 0200, 0328
Questa	0036
R-Line	0037
Radiola	0037, 0012
Radiomarelli	0087, 0516
RadioShack	0178, 0032, 0165, 1920, 0019, 0056, 1904, 0039
Rank Arena	0036
RBM	0070

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RCA	0000, 0178, 0018, 0135, 1917, 1948, 0038, 1907, 1922, 0019, 1919
Realistic	0178, 0019, 0056, 0039, 0032, 0165
Rediffusion	0201, 0361, 0351
Reoc	0714
Revox	0037
Rex	0206, 0163, 0264, 0259
RFT	0428, 0087
Rhapsody	0216, 0185
Roadstar	0009, 0418, 0264, 0218
Rowa	0712, 0698
Saba	0343, 0087, 0196, 0335, 0163, 0205, 0109, 0198
Saccs	0238
Sagem	0610
Saisho	0009, 0177, 0264, 0544, 0033, 0235, 0516, 0011, 0211, 0354
Salora	0356, 0363, 0349, 0361, 0194, 0359, 0548, 0163
Sambers	0516, 0102
Sampo	0093, 0178, 0171, 0700, 0036, 0650, 0032, 0052, 0009, 0039
Samsung	0178, 0644, 0032, 0056, 0217, 0370, 0618, 0019, 0039, 0179, 0290, 0587, 0009, 1903, 0037, 0264, 0556
Samsux	0039
Sandra	0216
Sansei	0451
Sansui	0706, 1929, 0655, 1911, 1904
Sanyo	0157, 0280, 1907, 0045, 0146, 0208, 0381, 0036, 0104, 0159, 0339, 0011, 0072
SBR	0037, 0013, 0193, 0012, 0043
Schaub Lorenz	0361
Schneider	0218, 0336, 0544, 0057, 0303, 0394, 1137, 0037, 0247, 0371, 0668, 0013
Scimitsu	0019
Scotch	0178
Scott	0178, 0019, 0179
Sears	0178, 0171, 0159, 0179, 0146, 1926, 0056, 1904
SEG	0036, 0552, 0264, 0217, 0668
SEI	0516, 0087, 0294, 0010, 0177, 0544, 0102
Seleco	0206, 0163, 0411, 0259
Sentra	0035
Sharp	0093, 1093, 0039, 0165, 0650, 1917, 0036, 0157, 0386, 1193, 0032, 0256
Shen Ying	0003, 0179, 0009
Sheng Chia	0093, 0009, 0179, 0033
Shogun	0019
Shorai	0294
Siarem	0087, 0516, 0102
Siemens	0157, 0200, 0535, 0037, 0195, 0328, 0191, 0327, 0554
Signature	0016
Silver	0036
Simpson	0187, 0186
Singer	0087
Sinudyne	0177, 0516, 0102, 0294, 0087, 0235, 0544, 0010
Skantic	0356
SKY	0037
Skysonic	0696
Skyworth	0037
Solavox	0032, 0351, 0163
Sonitron	0208
Sonoko	0037, 0009
Sonolor	0208, 0163
Sontec	0037
Sony	0000, 0010, 0080, 0650, 1505, 1925, 0036, 0505, 1010, 1904, 0011, 0111, 0651, 1651
Soundesign	0178, 0186, 0179
Soundwave	0037, 0418
Sowa	0178, 0036, 0226
Spectricon	0003
Squareview	0171
SSS	0019
Standard	0217, 0009, 0218
Stern	0259, 0206, 0163
Sunkai	0355, 0321, 0294
SuperTech	0216
Supra	0056
Supre-Macy	0046
Supreme	0000
Susumu	0218
Sylvania	0171, 0020, 0381, 1944, 0096, 1931
Symphonic	0171, 1904, 1913
Synco	0000, 0451, 0093, 0178, 0036
Sysline	0037
T + A	0447
Tacico	0178, 0009, 0179
Tai Yi	0009
Tandy	0093, 0163, 0414, 0218, 0072, 0217, 0039
Tashiko	0043, 0363, 0036, 0359, 0033, 0217, 0650
Tatung	0072, 0249, 0009, 0055, 0244, 0003, 0037, 0217, 0516, 0036
Teac	0706, 0712, 1904, 0037, 1932, 0412, 0544, 1437, 0009, 1913, 0282, 0455, 0698, 1037, 1909, 0264, 1949, 0418, 0668
Tec	0247, 0217, 0552
Technema	0320
Technics	0250, 0650
Technol Ace	0179
Techwood	0056, 0003
Teco	0093, 0178, 0264, 0036, 0218, 0653, 0009, 0280
Teknika	0016, 0056, 0039, 0186, 0019, 0179
Teleavia	0343, 0205
Telefunken	0084, 0262, 0343, 0625, 0074, 0109, 0335, 0498, 0056, 0101, 0306, 0471
Telemeister	0320
Teletech	0009
Teleton	0186, 0349, 0036, 0217, 0206, 0363
Tensai	0294, 0218, 0320
Tera	0466
Texet	0216, 0218
Thomas	1904

TV device codes

Thomson	0343, 0560, 0109, 0205, 0399, 0198, 0349, 0625, 0196
Thorn	0499, 0535, 0037, 0084, 0192, 0361, 0512, 0035, 0074, 0190, 0343, 0505, 0072, 0104, 0193
Thorn-Ferguson	0343
TMK	0178, 0177, 0056
Tomashi	0282
Toshiba	0644, 1508, 1936, 0035, 0243, 0618, 0718, 1935, 0070, 0508, 0650, 1918, 1945, 0036, 0381
Tosonic	0185
Totevision	0039
Towada	0552
Transonic	0712, 0698
Trical	0157
Triumph	0516, 0243, 0177
Tuntex	0009
Uher	0303, 0206, 0320
Ultra	0192
Ultravox	0102, 0351
Universal	0027
Universum	0421, 0552, 0037, 0105, 0370, 0535, 0104, 0346, 0492, 1901, 0074, 0264
Vestel	0037
Victor	0250, 0053, 0036, 0650, 0653
Videosat	0247
Videotechnic	0217
Vidtech	0178, 0036, 0019
Viking	0046
Vision	0320
Visorex	0432
Voxson	0087, 0163
Waltham	0356, 0217
Wards	0178, 0165, 0020, 0056, 0111, 0179, 0019, 0027, 0096, 0016, 0021, 0080
Watson	0037, 0320
Watt Radio	0544, 0102, 0552
Wega	0087, 0036
White Westinghouse	0216, 0186, 1909, 0037, 0320
Yamaha	0019
Yapshe	0250
Yoko	0264, 0217, 0037
Zanussi	0363, 0206
Zenith	0178, 0016, 1909, 1904, 1929, 1911
Zonda	0003

VCR device codes

ABS	1972
Admiral	0048, 0209
Adventura	0000
Aiko	0278
Aiwa	0037, 0000, 0352, 0348, 0687, 0307, 0479
Akai	0041, 0315, 0106
Akiba	0072
Alba	0209, 0072, 0278, 0352, 0315, 0293, 0020
Alienware	1972
Ambassador	0020
America Action	0278
American High	0035
Amstrad	0000
Anam	0162, 0037, 0240, 0278, 0226
Anam National	0162, 0454, 0226, 1562
Anitech	0072
ASA	0037, 0081
Asha	0240
Asuka	0037
Audiovox	0037, 0278
Baird	0000, 0104, 0041
Bang & Olufsen	0499
Basic Line	0072, 0278, 0020
Beaumark	0240
Bell & Howell	0104
Blaupunkt	0162, 0227, 0034, 0226, 0195
Brandt	0493, 0321, 0320
Brandt Electronic	0041
Broksonic	0184, 0121, 0209, 0002, 0479, 0348, 1479
Bush	0209, 0072, 0278, 0352, 0293
Calix	0037
Canon	0035
Capehart	0020
Carver	0081
Catron	0020
CCE	0072, 0278
CGE	0000
Cimline	0072
Cineral	0278
Citizen	0037, 0278, 1278
Clatronic	0020
Colt	0072
Combitech	0352
Condor	0020
Craig	0037, 0047, 0240, 0072
Crown	0072, 0278, 0020
Curtis Mathes	0060, 0035, 0162, 0041, 1035
Cybernex	0240
CyberPower	1972
Cyrus	0081
Daewoo	0045, 0104, 0278, 0642, 0637, 0020, 1278
Dansai	0072
Daytron	0020
De Graaf	0042, 0166
Decca	0081, 0000
Denon	0042
Dual	0041
Dumont	0081, 0000, 0104
Dynatech	0000
Elbe	0038
Elcatech	0072
Electrohome	0037
Electrophonic	0037
Emerex	0032
Emerson	0035, 0037, 0184, 0240, 0045, 0000, 0121, 0043, 0209, 0002, 0278, 1278, 0637, 0479, 1479
ESC	0240, 0278

VCR device codes

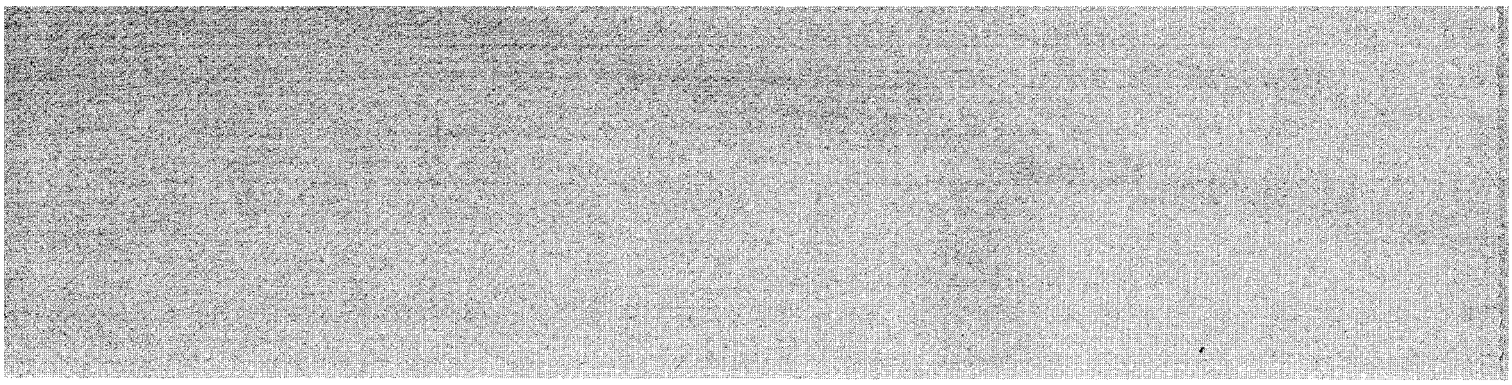
Ferguson	0041, 0493, 0321, 0320
Fidelity	0000
Finlandia	0081, 0104
Finlux	0081, 0000, 0042, 0104
Firstline	0037, 0045, 0043, 0209, 0072
Fisher	0047, 0104
Frontech	0020
Fuji	0035, 0033
Fujitsu	0045, 0000
Funai	0000
Garrard	0000
Gateway	1972
GE	0060, 0035, 0240, 1060, 0226, 1035, 0807
GEC	0081
General	0045, 0020
Go Video	0432
GoldHand	0072
GoldStar	0037, 0209, 0038, 0225, 1237, 0226
Goodmans	0037, 0000, 0072, 0278, 0062, 0637, 0020
Gradiente	0000, 0008
Graetz	0240, 0104, 0041
Granada	0081, 0104
Grandin	0037, 0000, 0072
Grundig	0081, 0072, 0195, 0347, 0293, 0226, 0034
Hanseatic	0037
Harley Davidson	0000
Harman/Kardon	0081, 0038
Harwood	0072
HCM	0072, 0293
Hewlett Packard	1972
HI-Q	0047
Hinari	0240, 0072, 0293, 0352, 0004
Hitachi	0037, 0240, 0000, 0042, 0041, 0004, 0166
Hughes Network Systems	0042
Hypson	0072
iBUYPOWER	1972
Imperial	0000
Ingersol	0004
Interfunk	0081
ITT	0240, 0104, 0041, 0384, 0106
ITV	0037, 0278
Jensen	0041
JVC	0045, 0067, 0041, 0384, 0206, 0008
Kaisui	0072
KEC	0037, 0278
Kendo	0209, 0106
Kenwood	0067, 0041, 0038, 0384
KLH	0072
Kodak	0035, 0037
Kolin	0043, 0041
Korpel	0072
Lenco	0278
Leyco	0072
LG	0037, 0045, 0042, 0209, 0038, 0040
Lloyd's	0000
Loewe	0162, 0037, 0081, 0454, 0004, 1562
Logik	0240, 0072, 0004
Luxor	0048, 0104, 0043, 0062, 0106
LXI	0037
M Electronic	0000, 0038
Magnasonic	1278
Magnavox	0035, 0039, 0081, 0000, 0149, 1781
Magnin	0240
Manesth	0045, 0072
Marantz	0035, 0081, 0062
Marta	0037
Matsui	0209, 0348, 0004, 0352
Matsushita	0035, 0162, 0227, 0226
Media Center PC	1972
Medion	0348
MEI	0035
Memorex	0035, 0162, 0037, 0048, 0039, 0047, 0240, 0000, 0104, 0209, 0307, 0479, 0454, 0348, 1237
Memphis	0072
Metz	0162, 0037, 0347, 1562, 0227, 0459, 0195, 0454
MGA	0240, 0043
MGN Technology	0240
Microsoft	1972
Mind	1972
Minerva	0195
Minolta	0042
Mitsubishi	0081, 0067, 0043, 0041, 0807
Motorola	0035, 0048
MTC	0240, 0000
Multitech	0000, 0072
Murphy	0000
Myryad	0081
NAD	0104
National	0226
NEC	0035, 0037, 0048, 0104, 0067, 0041, 0038, 0008, 0206, 0040
Neckermann	0081
Nesco	0072
Newave	0037
Nikko	0037
Nikon	0034
Noblex	0240
Nokia	0240, 0104, 0041, 0106
Nordmende	0041, 0321, 0320, 0494, 0384
Northgate	1972
Oceanic	0000, 0041
Okano	0348, 0315
Olympus	0035, 0226
Optimus	1062, 0162, 0037, 0048, 0104, 0454, 0432
Optonica	0062
Orion	0184, 0121, 0209, 0002, 0348, 1479, 0004, 0479, 0352
Osaki	0037, 0000, 0072
Otto Versand	0081
Palladium	0037, 0041, 0072
Panasonic	1062, 0035, 0162, 0225, 0454, 0836, 1562, 0227, 0616, 0226, 0459, 1035, 1662
Pathe Marconi	0041
Penney	0035, 0037, 0240, 0042, 0038, 1237, 0040, 1035
Pentax	0042
Perdio	0000
Philco	0035, 0000, 0209, 0038, 0479, 0226
Philips	0035, 0081, 0000, 0226, 0618, 0062, 0384
Phonola	0081

VCR device codes

Pilot	0037
Pioneer	0081, 0042, 0067, 0206
Polk Audio	0081
Portland	0020
Profitronic	0240
Proline	0000, 0293
Proscan	0060, 1060
Protec	0072
Pulsar	0039
Pye	0081
Quasar	0035, 0162, 1035, 0454
Quelle	0081
Radiola	0081
RadioShack	0000
Radix	0037
Randex	0037
RCA	0060, 0035, 0240, 0000, 0042, 0149, 0106, 1035, 0226, 0880, 0807, 1060
Realistic	0035, 0037, 0048, 0047, 0000, 0104, 0062
Reoc	0348
Rex	0041, 0384
Ricoh	0034
Roadstar	0037, 0240, 0072, 0278
Runco	0039
Saba	0041, 0320, 0494, 0206, 0384, 0321
Saisho	0209, 0004
Salora	0043, 0106
Sampo	0037, 0048
Samsung	0240, 0045, 1014, 0432
Sanky	0048, 0039
Sansui	0000, 0067, 0209, 0041, 0479, 1479
Sanyo	0047, 0240, 0104
Saville	0352
SBR	0081
Schaub Lorenz	0000, 0104, 0041
Schneider	0081, 0000, 0072
Scott	0184, 0045, 0121, 0043
Sears	0035, 0037, 0047, 0000, 0042, 0104, 1237
SEG	0240
SEI	0081, 0004
Seleco	0041
Semp	0045
Sentra	0020
Sharp	0048, 0209, 0062, 0807
Shintom	0104, 0072
Shogun	0240
Shorai	0004
Siemens	0037, 0081, 0104, 0195
Silva	0037
Singer	0045, 0072
Sinudyne	0081, 0004
Solavox	0020
Sonic Blue	0614, 0616
Sonolor	0062
Sontec	0037
Sony	0035, 0032, 0033, 0000, 0636, 1232, 0034, 1032
STS	0042
Sunkai	0348
Sunstar	0000
Suntronic	0000
Sylvania	0035, 0081, 0000, 0043, 1781
Symphonic	0000
Tagar Systems	1972
Tandy	0000, 0104
Tashiko	0037, 0000
Tatung	0081, 0045, 0000, 0067, 0041, 0008
Teac	0000, 0041, 0278, 0642, 0637, 0307
Tec	0020
Technics	0035, 0162, 0226
Teco	0035, 0037, 0048, 0041, 0038, 0040
Teknika	0035, 0037, 0000
Teleavia	0041, 0493
Telefunken	0041, 0384, 0321, 0494, 0320, 0493
Tenosal	0072
Tensai	0000
Thomas	0000
Thomson	0060, 0067, 0041, 0321, 0494, 0320, 0493, 0722, 0384, 0528
Thorn	0104, 0041
TMK	0240
Toshiba	0081, 0045, 0067, 0043, 0041, 0845, 0008, 0384, 1145
Totevision	0037, 0240
Touch	1972
Uher	0240
Unitech	0240
Universum	0037, 0081, 0240, 0000, 0106, 0195
Vector	0045
Vector Research	0038, 0040
Victor	0067, 0041, 0008, 0384
Video Concepts	0045, 0040
Videomagic	0037
Videosonic	0240
Viewsonic	1972
Villain	0000
Wards	0060, 0035, 0048, 0047, 0081, 0240, 0000, 0042, 0072, 0149, 0062
Wharfedale	0615
White Westinghouse	0209, 0072, 0637
XR-1000	0035, 0000, 0072
Yamaha	0041, 0038
Yamishi	0072
Yokan	0072
Yoko	0240, 0020
Zenith	0039, 0033, 0000, 0209, 1479, 0637, 0034, 0479
ZT Group	1972

Digital video recorder device codes

ReplayTV	0614, 0616
Tivo	0636, 0618, 0722



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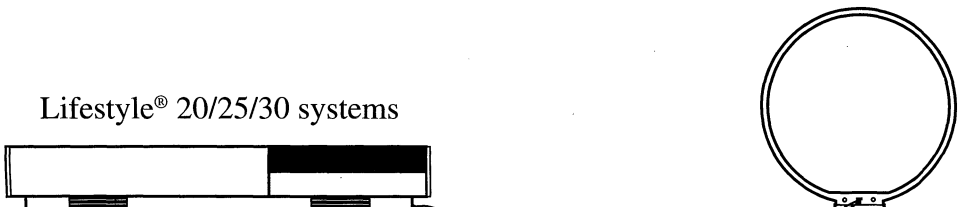
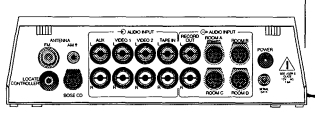
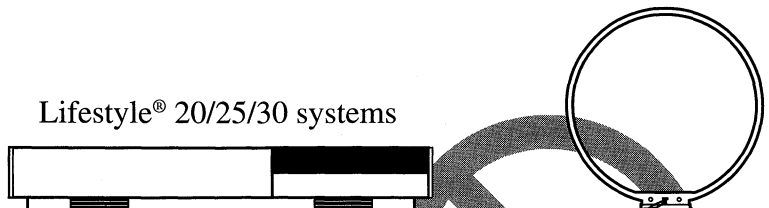
Lifestyle® 20/25/30 systems



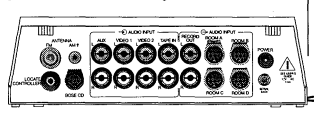
Lifestyle® 40/50 systems

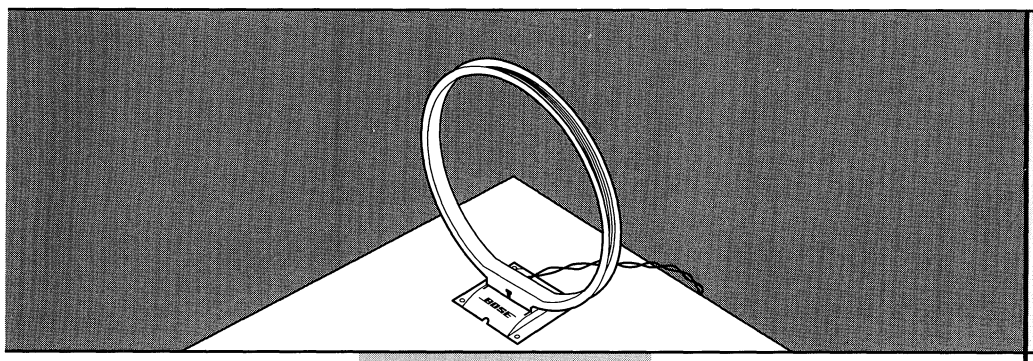


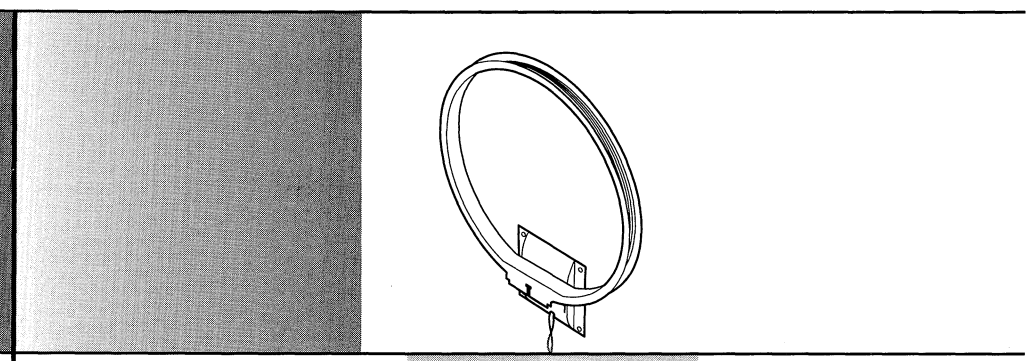
Lifestyle® 20/25/30 systems



Lifestyle® 40/50 systems







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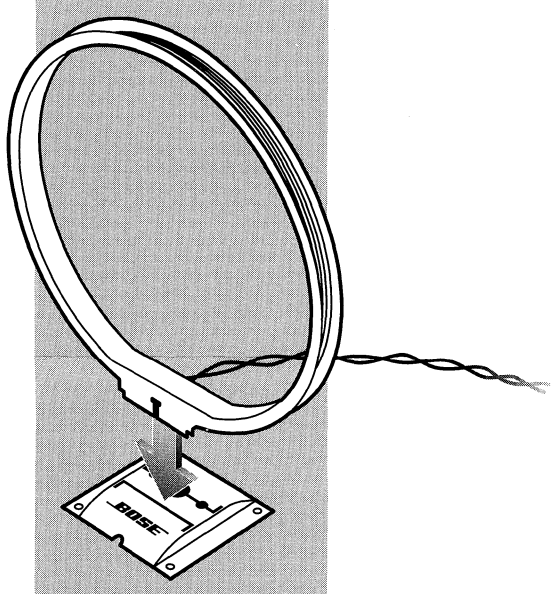

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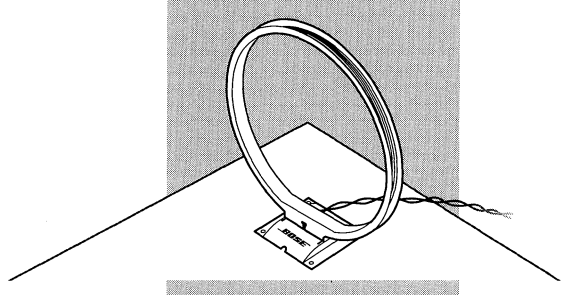

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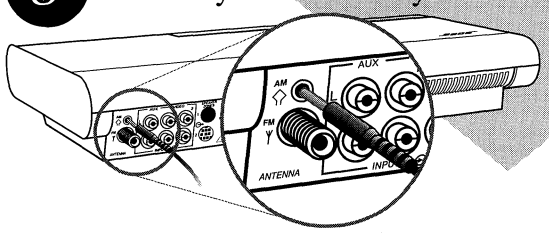

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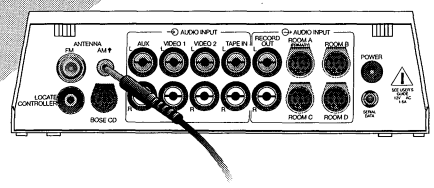

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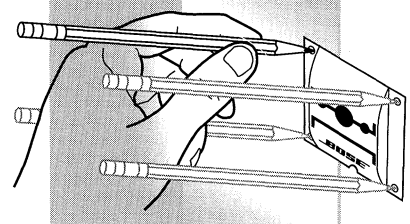

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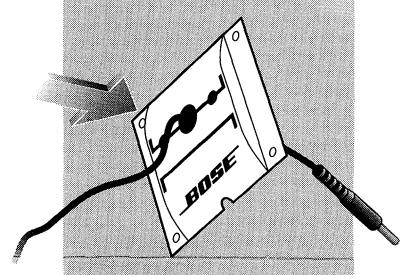

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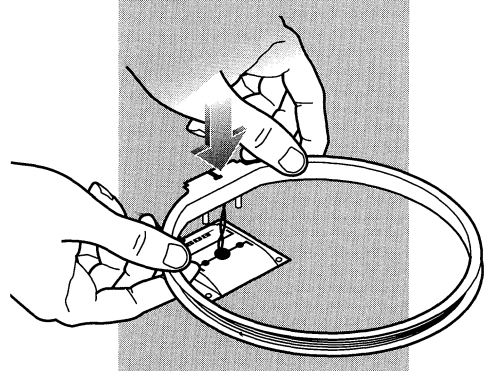

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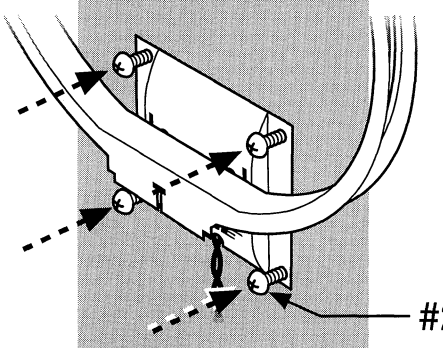

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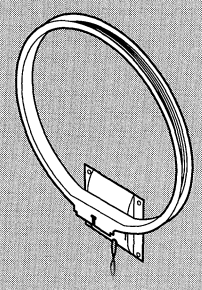

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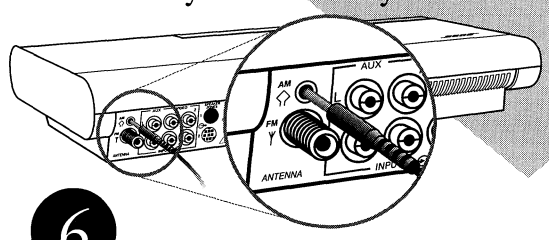
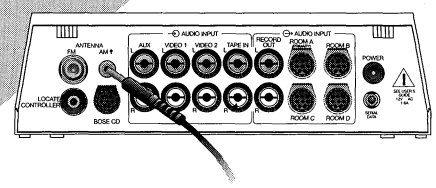


Lifestyle® 40/50 systems



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BOSE®

3•2•1 GSX
3•2•1 GS Series II
3•2•1 Series II

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DVD HOME ENTERTAINMENT SYSTEMS

Quick setup guide

Hurtig opstillingsvejledning

Kurzanleitung

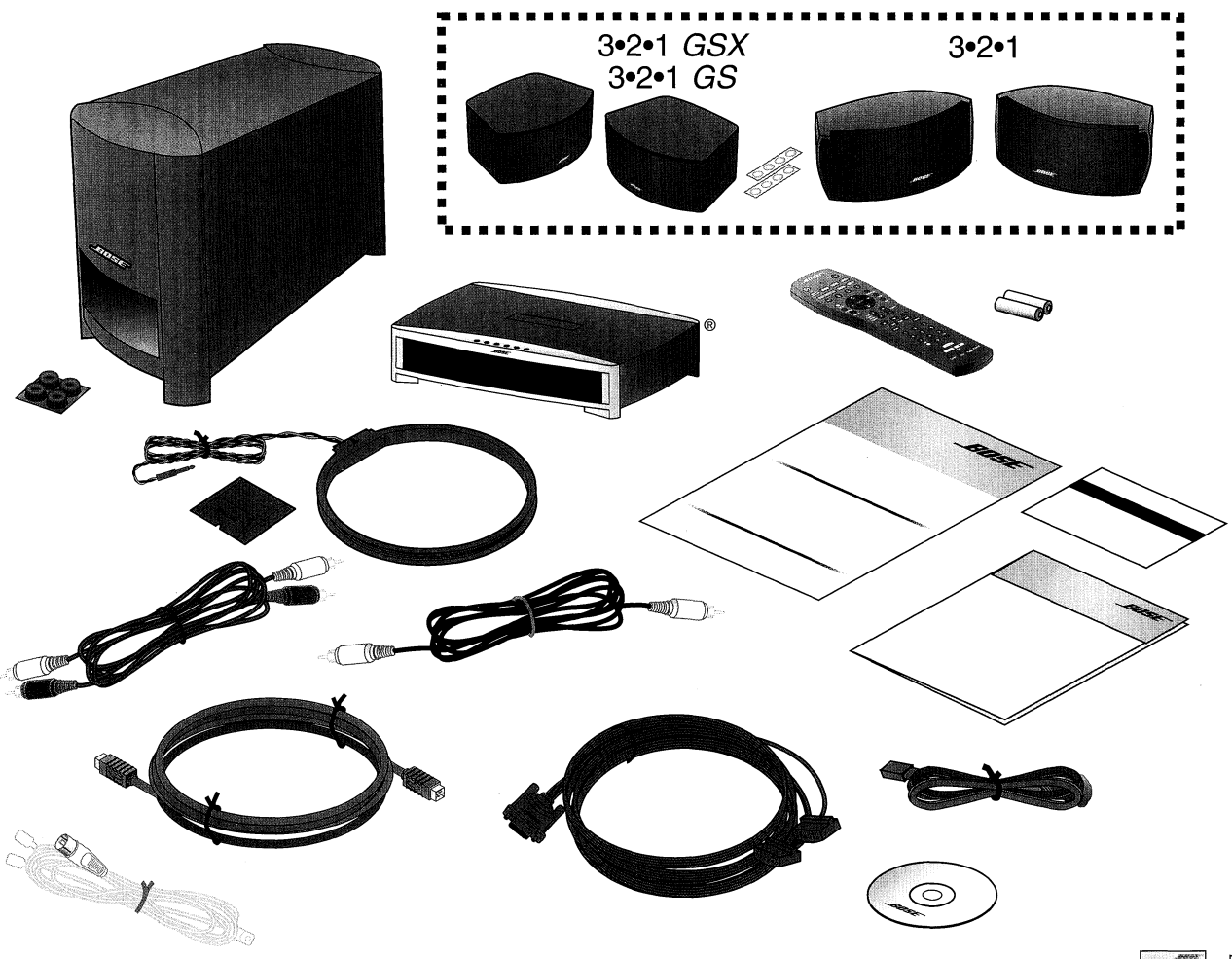
Guía rápida de instalación

Notice de montage

Guida di installazione rapida

Snelle opstellingsgids

Vägledning för snabb montering



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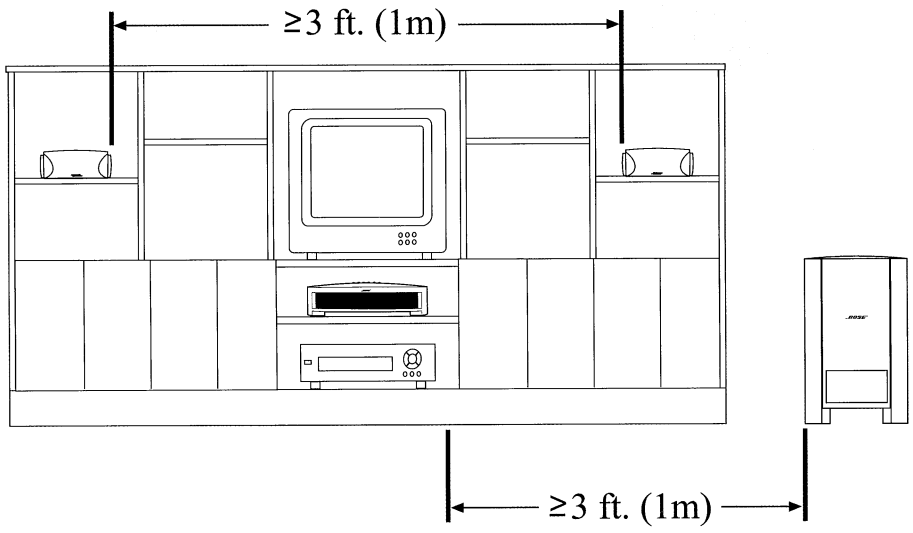
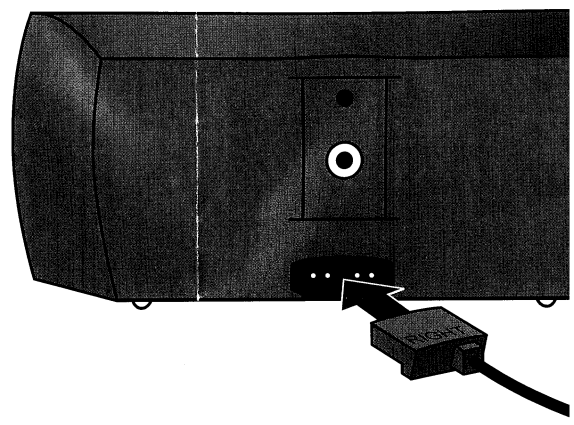
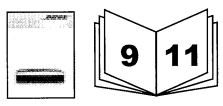

≥3 ft. (1m)
≥3 ft. (1m)

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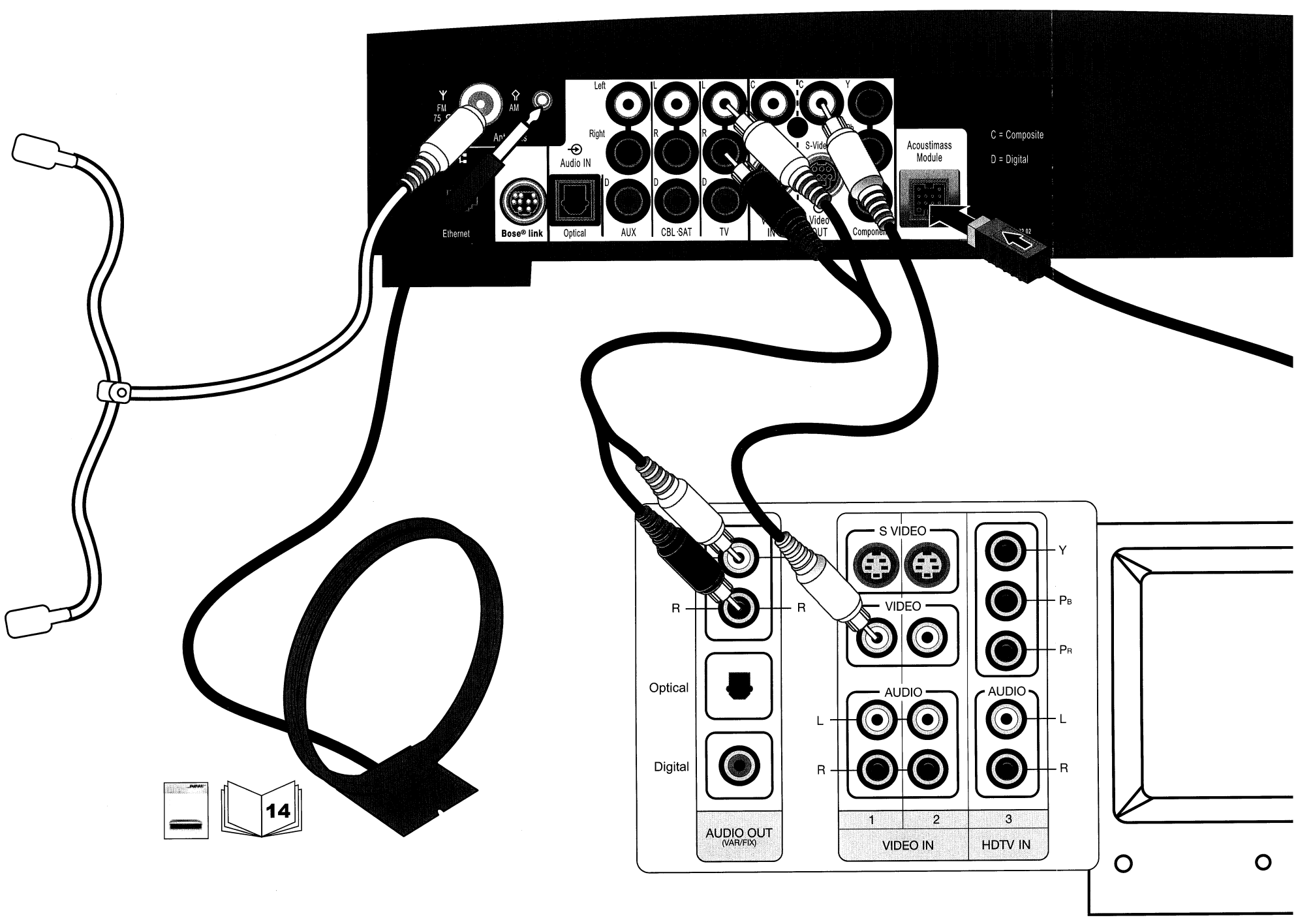
FM
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Bose® link
Optical
Audio IN
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Acoustimass Module
C = Composite
D = Digital
R
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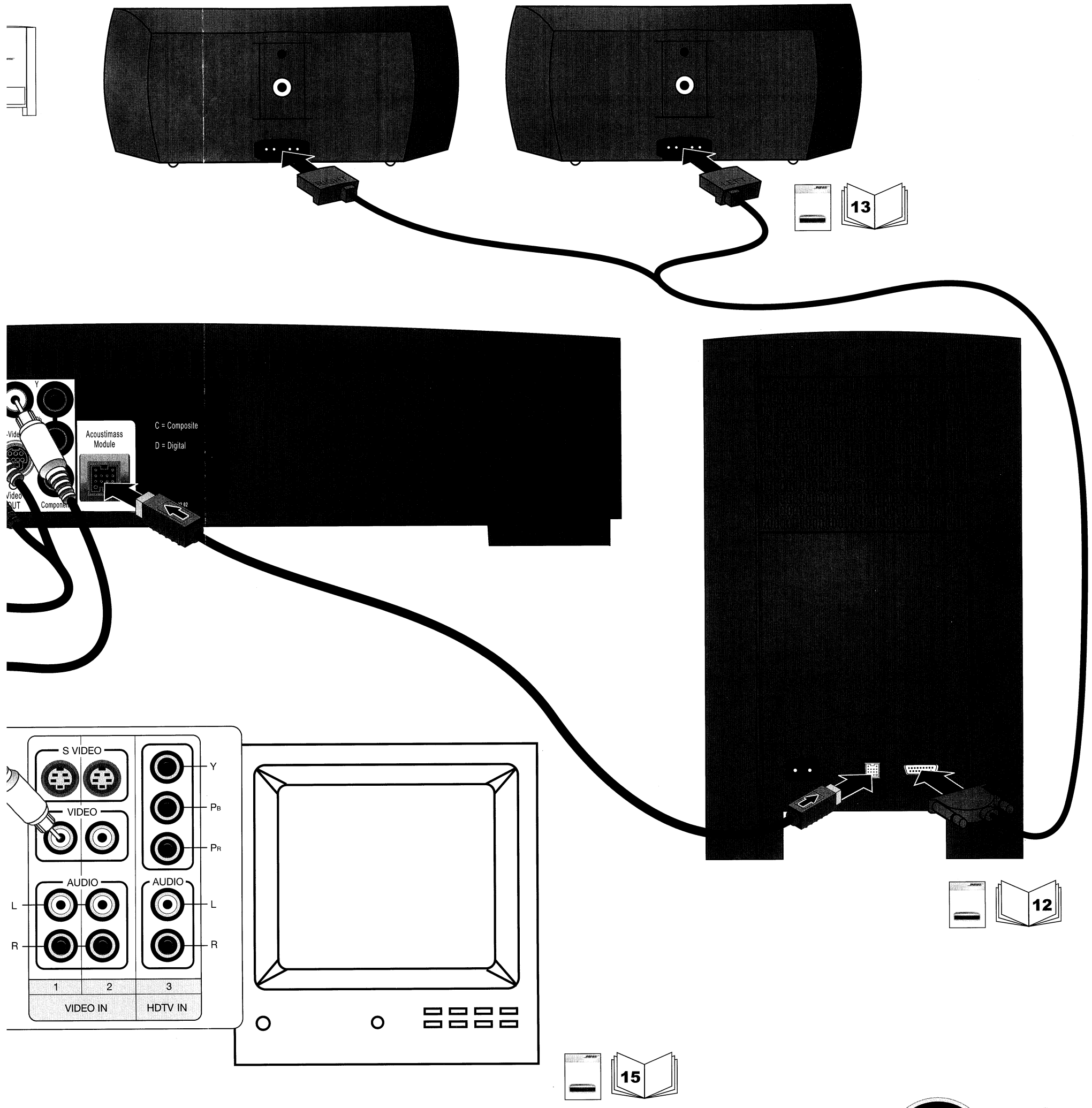
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Acoustimass Module
C = Composite
D = Digital
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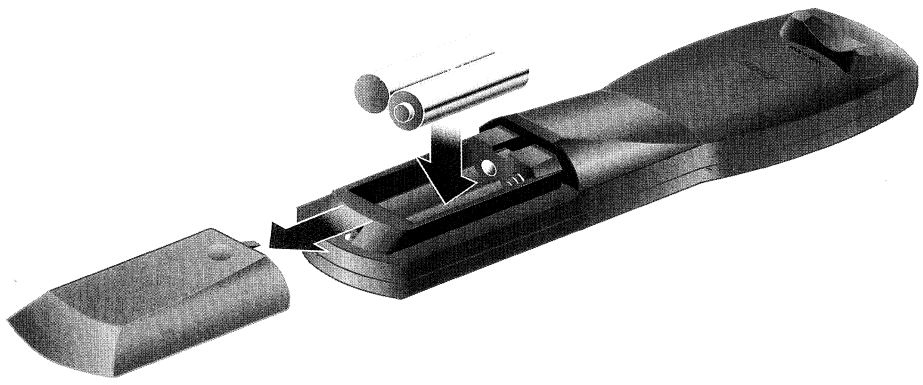

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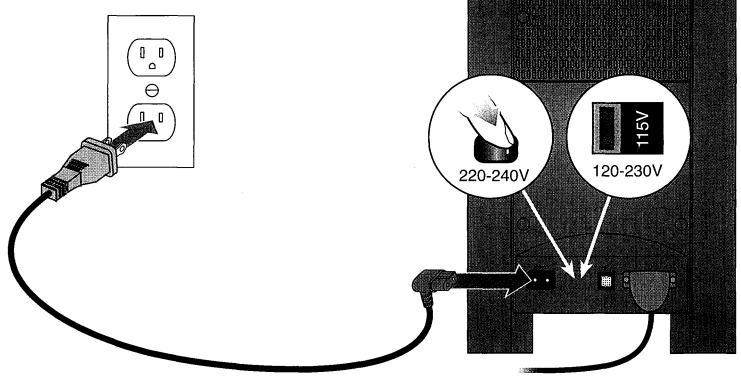

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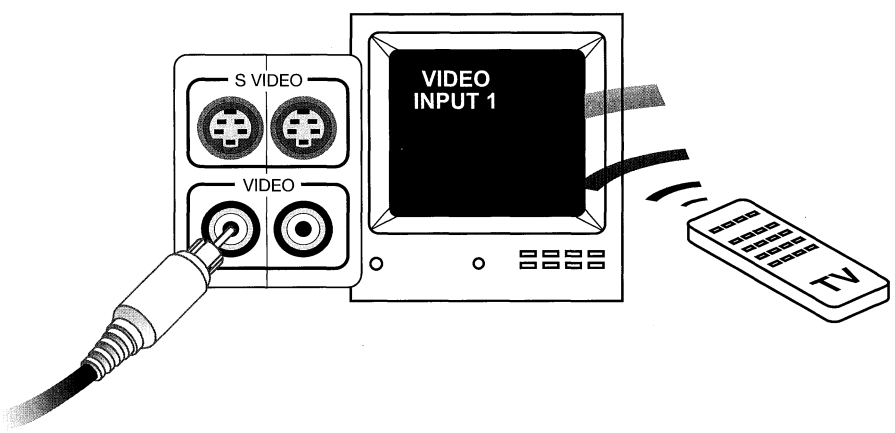

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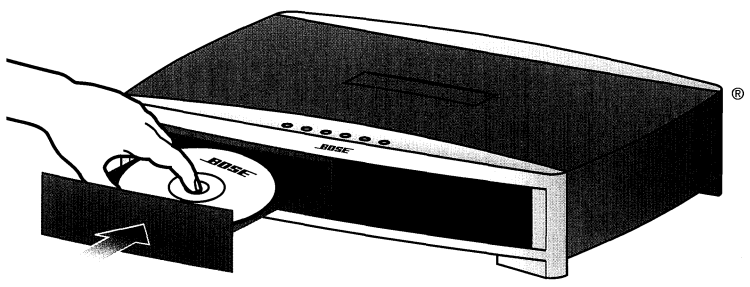

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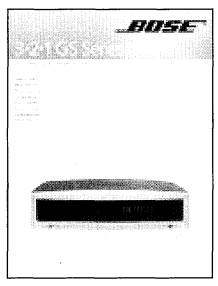

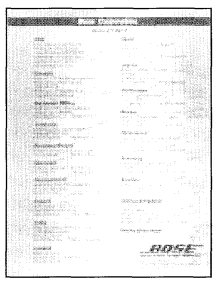

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BOSE

OUR COMMITMENT TO YOU

We take great pride in designing each of our products with the goal of providing the highest accuracy musical performance possible in the price range of that product. We strive to reproduce the musical sounds as closely as possible to those of the original performance. And we strive to avoid flashy sounds such as those associated with accentuated bass and/or treble frequencies. While those sounds may be initially attractive to the novice, they are not real and are not enduring. In addition, we use only the highest quality parts and the latest assembly and quality control techniques to ensure the reliability and long life of our products.

Our reputation rests on our steadfast pursuit of this policy in sound systems for the home, the automobile, and businesses.

At Bose® we reinvest 100% of our earnings back into the company. This enables us to support research that continually gives rise to new technologies for improving sound reproduction.

When you purchase any product from Bose, we encourage you to compare it, as we do, to competitive products for musical accuracy. We believe that this process will enhance your appreciation of the product you select.

With best wishes from all of us at Bose for many years of enjoyable listening.

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259434 AM Rev.03 CCM-000693

1. **Read these instructions** – for all components before using this product.
2. **Keep these instructions** – for future reference.
3. **Heed all warnings** – on the product and in the owner's guide.
4. **Follow all instructions.**
5. **Do not use this apparatus near water or moisture** – Do not use this product near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, or anywhere else that water or moisture are present.
6. **Clean only with a dry cloth** – and as directed by Bose® Corporation. Unplug this product from the wall outlet before cleaning.
7. **Do not block any ventilation openings. Install in accordance with the manufacturer's instructions** – To ensure reliable operation of the product and to protect it from overheating, put the product in a position and location that will not interfere with its proper ventilation. For example, do not place the product on a bed, sofa, or similar surface that may block the ventilation openings. Do not put it in a built-in system, such as a bookcase or a cabinet that may keep air from flowing through its ventilation openings.
8. **Do not install near any heat sources, such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.**
9. **Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wider blade or third prong are provided for your safety. If the provided plug does not fit in your outlet, consult an electrician for replacement of the obsolete outlet.**
10. **Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.**
11. **Only use attachments/accessories specified by the manufacturer.**
12. **Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.**

13. **Unplug this apparatus during lightning storms or when unused for long periods of time** – to prevent damage to this product.
14. **Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way: such as power-supply cord or plug is damaged; liquid has been spilled or objects have fallen into the apparatus; the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped** – Do not attempt to service this product yourself. Opening or removing covers may expose you to dangerous voltages or other hazards. Please call Bose to be referred to an authorized service center near you.
15. **To prevent risk of fire or electric shock, avoid overloading wall outlets, extension cords, or integral convenience receptacles.**
16. **Do not let objects or liquids enter the product** – as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
17. **See product enclosure bottom for safety related markings.**

Information about products that generate electrical noise

If applicable, this equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, this is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a different circuit than the one to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: *Unauthorized modification of the receiver or radio remote control could void the user's authority to operate this equipment.*

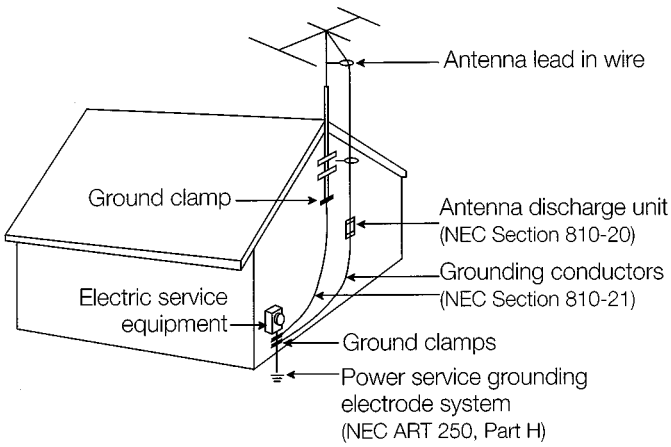
This product complies with the Canadian ICES-003 Class B specifications.

18. **Use proper power sources** – Plug the product into a proper power source, as described in the operating instructions or as marked on the product.
19. **Avoid power lines** – Use extreme care when installing an outside antenna system to keep from touching power lines or circuits, as contact with them may be fatal. Do not install external antennas near overhead power lines or other electric light or power circuits, nor where an antenna can fall into such circuits or power lines.
20. **Ground all outdoor antennas** – If an external antenna or cable system is connected to this product, be sure the antenna or cable system is grounded. This will provide some protection against voltage surges and built-up static charges.

    Section 810 of the National Electrical Code ANSI/NFPA No. 70 provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the ground electrode. Refer to the antenna grounding illustration on this page.

Antenna grounding

Example of antenna grounding as per National Electrical Code, ANSI/NFPA 70.



Note to CATV system installer

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC (of USA) that provides guidelines for proper grounding. In particular, it specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as is practical.

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END USER LICENSE AGREEMENT NOTICE

English

NOTICE – By opening the media center package, you agree to the terms of the End User License Agreement (Agreement) printed in either the Operating Guide or Owner's Guide found in the shipping carton with the product. If you do not agree to the terms of the Agreement, please return your system to the place of purchase.

Dansk

BEMÆRK! – Ved at åbne mediecenterpakken accepterer du betingelserne, der er fastlagt i Slutbrugerlicensaftalen (Aftalen), som findes i enten betjenings- eller brugervejledningen, som ligger i emballagen sammen med produktet. Hvis du ikke accepterer Aftalens betingelser, bedes du returnere systemet til forhandleren.

Deutsch

HINWEIS – Durch Öffnen des Media Center-Pakets erklären Sie Ihr Einverständnis mit den Bestimmungen der Lizenzvereinbarung für Endanwender, die der Betriebs- oder Bedienungsanleitung beigefügt ist. Wenn Sie mit den Bestimmungen dieser Vereinbarung nicht einverstanden sind, bringen Sie das System wieder zum Händler bzw. Lieferanten zurück.

Español

AVISO – Al abrir el paquete del centro multimedia, acepta los términos del acuerdo de licencia para el usuario final (el Acuerdo) impreso en la guía de uso o en la guía del usuario que se encuentra en la caja de envío con el producto. Si no acepta los términos del Acuerdo, devuelva el sistema al lugar donde lo adquirió.

Français

AVIS – En ouvrant l'emballage du media center, vous signalez que vous acceptez les termes de l'accord de licence de l'utilisateur final (l'Accord) figurant dans la notice ou le guide d'utilisation livré avec ce produit. Si vous n'acceptez pas les termes de l'Accord, veuillez retourner le système à votre fournisseur.

Italiano

AVVISO – L'apertura della confezione del media center implica l'accettazione dei termini del Contratto di licenza per l'utente finale (Contratto) riportati nel Manuale d'uso o nel Manuale per l'utente fornito con il prodotto. Qualora non si accettino i termini e le condizioni del Contratto, restituire il sistema al venditore.

Nederlands

ATTENTIE – Door het pakket met het mediacentrum te openen, gaat u akkoord met de voorwaarden in de Gebruiksrechtovereenkomst (Overeenkomst) die is afgedrukt in de bedieningshandleiding of in de gebruikershandleiding geleverd met dit product. Retourneer het systeem naar de plaats van aankoop, als u niet akkoord gaat met de voorwaarden van de Overeenkomst.

Svenska

OBS! – Genom att öppna mediacentrets förpackning godkänner du villkoren i användaravtalet som finns i antingen bruksanvisningen eller användarhandboken som medföljer i förpackningen. Om du inte godkänner villkoren i användaravtalet, ber vi dig returnera systemet till inköpsstället.

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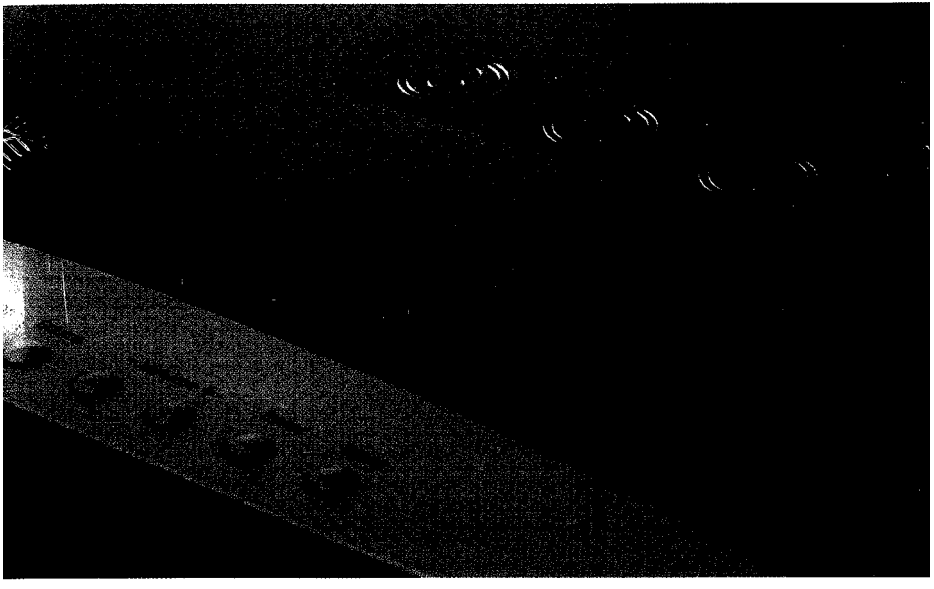
In-Home Setup & Demonstration Disc



3·2·1 Series II DVD home entertainment systems

BOSE®

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The simplicity of fewer speakers and wires.

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Speaker setup

System setup

Remote setup

Advanced setup

Movie & music demonstrations

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Veuillez n'envoyer aucun autre produit ou courrier à l'adresse ci-dessous.
Le suplicamos no enviar productos u otro tipo de correspondencia a la siguiente dirección.

318 F

PLACE FIRST-CLASS STAMP HERE
AFFRANCHIR AU TARIF NORMAL
PONGA LA ESTAMPILLA DE PRIMERA CLASE AQUÍ

Attention: WR
Bose Corporation
The Mountain
P.O. Box 9168
Framingham MA 01701-9168
USA

IMPORTANT

Product registration card. For U.S., Puerto Rico, and Canada residents only.

Carte d'enregistrement de produit. Pour les habitants des États-Unis, de Porto Rico et du Canada uniquement.

Tarjeta de Registro del Producto. Sólo para residentes en los Estados Unidos, Canadá y Puerto Rico.

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Don't miss out on important update information and more.
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IMPORTANT: Among the many benefits of registering your Bose® product is the opportunity to receive valuable product updates from Bose.

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IMPORTANT: Parmi les nombreux avantages dont vous bénéficierez en enregistrant votre produit Bose®, vous aurez la possibilité de recevoir de précieuses mises à jour à vos produits Bose. Remplissez cette carte afin que nous puissions vous contacter au sujet de ces mises à jour.

Bénéficiez d'informations sur les mises à jour importantes de produits, sur les évolutions de système, ainsi que d'autres informations intéressantes pour les clients de Bose.

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03 E-mail Address: (Receive up-to-date information on new Bose products and promotions.)

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04 Date of Purchase (month/day/year): Date d'achat (mois/jour/année) : Fecha de compra (mes/día/año):

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- ☐ 3•2•1 *GS* II DVD home entertainment system
- ☐ Wave® music system
- ☐ Lifestyle® 18 II DVD home entertainment system
- ☐ Lifestyle® 28 II DVD home entertainment system
- ☐ Lifestyle® 38 DVD home entertainment system†
- ☐ Lifestyle® 48 DVD home entertainment system†

These systems may be updated in the future by software that we can send you.

† These systems let you store the tracks from your CDs. They have an internal music database that is kept current by software that we can send you.

Ces systèmes peuvent être mis à jour, plus tard, par un logiciel que nous pouvons vous envoyer.

† Ces systèmes vous permettent de conserver des pistes de vos disques compacts. Ils possèdent une base de données audio interne qui est tenue à jour par un logiciel que nous pouvons vous envoyer.

Es posible que en un futuro aparezcan actualizaciones de software para estos sistemas, mismas que podemos enviarle.

† Estos sistemas le permiten almacenar las pistas de sus CDs. Poseen una base de datos interna de música que es actualizada por software que podemos enviarle.

06 **Please indicate the serial number on the bottom of the media center of this product or the bottom of the music system.**
Veuillez indiquer le numéro de série de ce produit.
Indique el número de serie que se encuentra en el fondo del centro de medios de este producto.

07 You may receive information on new Bose products and special promotions. If you would like to change the way you hear from us, please visit www.bose.com/preferences or call 1-800-736-5076 to update your communications preferences.

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☐ Favor de no compartir mi información personal con otras compañías para propósitos de mercadotecnia.

For your benefit, we recommend that you record your serial number(s) found on the product(s) and other purchase information on this card and keep it with your personal records along with proof of purchase. If necessary, this information will allow us to better serve your needs.

Nous vous recommandons d'inscrire le numéro de série figurant sur votre produit et les autres informations relatives à votre achat sur cette carte et de la conserver parmi vos documents personnels avec votre preuve d'achat. Si nécessaire, ces informations nous permettront de mieux répondre à vos besoins.

Por seguridad, le sugerimos que anote en esta tarjeta el número(s) de serie del producto(s) y cualquier otra información concerniente a la compra y guárdela en un lugar seguro junto con la prueba de compra. En caso de ser necesario, esta información nos ayudará a brindarle un mejor servicio.

_____
Model Name/Number

_____
Serial Number(s)

_____
Date Purchased

_____
Dealer's Name

_____
Dealer's Address

Send any correspondence regarding product information or Limited Warranty services to:

Envoyez toute correspondance relative aux informations sur les produits ou aux services de garantie à l'adresse suivante :

Envíe cualquier correspondencia acerca de información sobre productos o servicios de Garantía Limitada a:

Bose Corporation, The Mountain, PO Box 9168
Framingham, MA 01701-9168 USA
1-800-367-4008 or 1-800-736-5076

This Limited Warranty applies only to Bose products purchased in the United States, Puerto Rico and Canada. For Limited Warranty coverage elsewhere, please contact your Bose dealer.

Cette garantie limitée s'applique uniquement aux produits Bose achetés aux États-Unis, à Porto Rico et au Canada. Pour obtenir des informations sur la couverture de cette garantie limitée dans les autres pays, veuillez contacter votre revendeur Bose.

Esta Garantía Limitada ampara únicamente productos Bose adquiridos en los Estados Unidos, Puerto Rico y Canadá. Para informes acerca de la Garantía Limitada en el resto del mundo, contacte a su distribuidor.

LIMITED WARRANTY

Please keep this Limited Warranty information card.

What is covered:
All parts defective in material and workmanship. This Limited Warranty does not cover a defect that has resulted from improper or unreasonable use or maintenance, accident, excess moisture, improper packing, lightning, power surges, or unauthorized tampering, alteration or modification.

Limitation on Liability:
WHERE PERMITTED, THE PROVISIONS OF THIS LIMITED WARRANTY ARE IN LIEU OF ANY OTHER WRITTEN WARRANTY, WHETHER EXPRESS OR IMPLIED, WRITTEN OR ORAL, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Notwithstanding the above, where applicable, if you qualify as a "consumer" under the Magnuson-Moss Warranty Act, then you may be entitled to any implied warranties allowed by law for the period of the express Limited Warranty as set forth below. Some states do not allow limitations on how long an implied Limited Warranty lasts, so the above limitation may not apply to you.

For how long:
The Bose® Limited Warranty lasts one year from the purchase date for electronic products, systems, and powered speaker components, and five years for speaker components that are not self-powered (amplified). Integrated, stereo, and home theater systems have a one-year Limited Warranty. Additionally, the 131® marine speakers have a three-year Limited Warranty. Powered component speakers have a one-year Limited Warranty term for the electronics and five years for the speakers. The Headset X has a five-year Limited Warranty, excluding the ear cushions, which have a six-month Limited Warranty. The QuietComfort® and TriPort® headphones have a one-year Limited Warranty. For the Limited Warranty on professional products, please refer to your Owner's Guide for details.

What we will do:
We will, at our sole option, repair or replace any defective parts within a reasonable period of time and free of charge.

What we will not do:
Pay shipping or transportation charges from you to us.

What you must do to obtain Limited Warranty Service:
1. Return product with proof of purchase from an authorized Bose dealer directly to Bose Corporation. If you elect to return the product directly to Bose Corporation, the following procedures must be followed:
   Contact Bose Corporation at 1-800-367-4008 for return authorization number, specific return and shipping instructions, which will include but may not be limited to:
   Properly packing the product in the original carton for shipping. If you need a new carton, contact Bose Corporation for free packing material and box.
   Cartons not bearing a return authorization number will be refused.
2. Return product with proof of purchase from an authorized Bose dealer to a Bose Service Agency.

Exclusive Remedy:
This Limited Warranty is fully transferable provided that the current owner furnishes the original proof of purchase from an authorized Bose dealer. THE MAXIMUM LIABILITY OF BOSE SHALL NOT EXCEED THE ACTUAL PURCHASE PRICE PAID BY YOU FOR THE PRODUCT. IN NO EVENT SHALL BOSE BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR INDIRECT DAMAGES. Some places do not allow limitations on the exclusion or limitation of relief, special, incidental, consequential or indirect damages, or the limitation of liability to specified amounts, so the above limitations or exclusions may not apply to you.

Other conditions:
This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from country to country or state to state. This Limited Warranty is void if the label bearing the serial number has been removed or defaced.

Your Limited Warranty Rights are not diminished if you do not complete and return the product registration card. Bose Corporation thanks you for your recent Bose product purchase. We hope it will give you years of satisfaction.

GARANTIE

Veuillez conserver cette carte de garantie limitée.

Couverture :
Tout défaut de pièces et main-d'œuvre. La présente garantie limitée ne couvre pas les dégâts résultant d'une utilisation ou maintenance incorrecte ou anormale, d'un accident, d'une humidité excessive, d'un emballage incorrect, de la foudre, d'une surtension électrique, ni d'une manipulation ou modification non autorisée.

Limitation de responsabilité :
LES DISPOSITIONS DE LA PRÉSENTE GARANTIE LIMITÉE REMPLACENT TOUTE AUTRE GARANTIE, EXPRESSE OU IMPLICITE, ÉCRITE OU ORALE, Y COMPRIS TOUTE GARANTIE DE POTENTIEL COMMERCIAL OU D'ADÉQUATION À UN OBJECTIF PARTICULIER. Malgré les dispositions ci-dessus, le cas échéant, si vous êtes considéré comme un " consommateur " selon les termes du Magnuson-Moss Warranty Act, vous pouvez bénéficier de toute garantie implicite autorisée par la loi pour la période de validité de la garantie limitée explicite, telle que définie ci-dessous. Certains états n'admettent pas les limites relatives à la durée d'une garantie limitée implicite. La restriction ci-dessus peut donc ne pas vous être applicable.

Durée de la garantie :
La garantie limitée de Bose® a une durée de validité d'un an à compter de la date d'achat pour les produits et systèmes électroniques et les composants des enceintes amplifiées, et de cinq ans pour les composants d'enceintes non amplifiées. Les systèmes intégrés, stéréo et Home cinéma ont une garantie